

Copper Product Guide

V1

Excel is a world-class premium performing end-to-end infrastructure solution - designed, manufactured, supported and delivered - without compromise.

www.excel-networking.com

excel
without compromise.

excel

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Excel is a world-class premium performance end-to-end infrastructure solution - designed, manufactured, supported and delivered - without compromise.

Excel is driven by a team of industry experts based in the UK, ensuring the latest innovation and manufacturing capabilities are implemented to surpass industry standards for quality and performance, technical compliance and ease of installation and use.

With an emphasis on compatibility and standards compliance 'from cable to rack', reliability and product availability, Excel is the complete trusted solution. Since the brand was launched to the UK market in 1997, Excel has enjoyed formidable growth and is sold in over 70 countries Worldwide. Excel has offices in Birmingham, St Neots and City of London in the UK and in Dubai in the United Arab Emirates.

The meteoric rise of the brand reflects a growing demand throughout the world for a reliable, standards-compliant, readily available, structured cabling and racking system. Excel is able to deliver this mix through a growing base of distributors and integrators across the region, which combine to make the brand an increasingly viable option.

With a focus on system performance, independent verification and a 25 year product and application warranty, when installed by an Excel Partner, it's easy to see why this is the system of choice in many government, education, retail, finance and enterprise installations.

This catalogue provides a complete overview of the Excel copper range, for details on the complete Excel range please visit www.excel-networking.com

Please be aware that not all products are available in every country, so please check with your local provider to check availability.



The Excel Range

The Excel range is extensive - this catalogue is dedicated to the copper range.

Listed below are the other product ranges that are currently available from Excel. Please visit www.excel-networking.com for full details.

Copper Structured Cabling Systems



Fibre Optic Cabling Systems



PON - Passive Optical Networks



Blown Fibre Cabling Systems



Environ Network Racks, Wall Racks & Open Frames



Residential/SoHo Cabling Systems



Voice Cabling Systems



Accessories & Testers



Whilst every attempt has been made to show exact photos of the products available within this catalogue, please note that sometimes only the style of the product is depicted.

Excel Modular Panel - Product Selector

The Excel Modular Panel range is compatible with a range of Keystone style jacks



Patch Panels

| Excel 16 Port Unloaded Keystone Patch Panel Frame - Black | Excel 24 Port Unloaded Keystone Patch Panel Frame - Black | Excel 16 Port Unloaded Keystone Patch Panel Frame - Chrome |
|-----------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|
| P/N 100-025 | P/N 100-026 | P/N 100-027 |
| | | |

Modules

| | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------|---------------------------------------------------------------|---------------------------------------------------------------|
| Excel Angled Butterfly Keystone Jack - Toolless <u>P/N</u> 100-185 Chrome - Screened - Category 6 _A <u>P/N</u> 100-213 Black - Unscreened - Category 6 | | | | |
| Excel Butterfly Keystone Jack - Toolless <u>P/N</u> 100-801 Chrome Screened - Category 8 <u>P/N</u> 100-181 Chrome Low Profile Screened - Category 6 _A <u>P/N</u> 100-184 Chrome Shuttered Low Profile Screened - Category 6 _A <u>P/N</u> 100-182-WT White Low Profile Unscreened - Category 6 _A <u>P/N</u> 100-182-BK Black Low Profile Unscreened - Category 6 _A <u>P/N</u> 100-180 Screened Keystone Jack, Toolless - Category 6 _A <u>P/N</u> 100-210 Chrome Screened, Toolless - Category 6 <u>P/N</u> 100-215-WT White Low Profile Unscreened - Category 6 <u>P/N</u> 100-215-BK Black Low Profile Unscreened - Category 6 <u>P/N</u> 100-906 Chrome Screened - Category 5e <u>P/N</u> 100-202-WT White Low Profile Unscreened - Category 5e <u>P/N</u> 100-202-BK Black Low Profile Unscreened - Category 5e | | ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ |
| Excel Unscreened Keystone Jack IDC <u>P/N</u> 100-156 White Unscreened - Category 6 _A <u>P/N</u> 100-156-BK Black Unscreened - Category 6 _A <u>P/N</u> 100-011 White Unscreened - Category 6 <u>P/N</u> 100-011-BK Black Unscreened - Category 6 <u>P/N</u> 100-010 White Unscreened - Category 5e <u>P/N</u> 100-010-BK Black Unscreened - Category 5e | | ✓ ✓ ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ ✓ ✓ |
| Excel Screened Through Couplers <u>P/N</u> 100-107 Chrome Screened - Category 6 _A <u>P/N</u> 100-106 Chrome Screened - Category 6 | | ✓ ✓ | ✓ ✓ | ✓ ✓ |
| Excel Residential A/V Keystone Adaptors <u>P/N</u> 100-805 1 Port 'F Type' Sat Coax Adaptor White <u>P/N</u> 100-806 HDMI V1.4 Adaptor White <u>P/N</u> 100-807 1 Port USB 3.0 Adaptor White A Type <u>P/N</u> 100-809 1 Port USB 2.0 Adaptor White A Type | | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ |

| Excel 24 Port Unloaded Keystone Patch Panel Frame - Chrome | Excel 24 Port Unloaded Keystone Angled Patch Panel Frame - Black | Excel 24 Port Unloaded Keystone Angled Patch Panel Frame - Chrome | Excel 24-port Keystone V Patch Panel Frame - Black | Excel 24-port Keystone Patch Panel Frame, 0.5U | Excel 48-port Keystone Patch Panel Frame, 1U | Excel 48-port Keystone UTP Patch Panel Frame, 1U | Excel 10" 12-port Keystone Patch Panel Frame |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| P/N 100-028 | P/N 100-023 | P/N 100-024 | P/N 100-040 | P/N 100-041 | P/N 100-042 | P/N 100-050 | P/N 100-753 |
|  |  |  |  |  |  |  |  |
| | ✓ ✓ | ✓ ✓ | | | | | |
| ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ | | | ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ |
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| ✓ ✓ | | | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ |
| ✓ ✓ ✓ ✓ | | | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ |

Excel Category 6 Patch Panel - Product Selector

The Excel range offers a broad choice of PCB Board Cat 6 Patch Panel designs

| | Patch Panels | | | | |
|----------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| | Excel Category 6 Unscreened | Excel Category 6 Unscreened Right Angle Panel | Excel Plus Category 6 Unscreened | Excel Plus Category 6 Unscreened Modular Panel - Loaded | Excel Category 6 Screened |
| | P/N 100-304 24 port - Black P/N 100-306 48 port - Black | P/N 100-302 24 port - Black P/N 100-394 48 port - Black | P/N 100-372 24 port - Black | P/N 100-016* 24 port - Black *use in conjunction with 100-017 | P/N 100-013 24 port - Black |
| |  |  |  |  |  |
| Rear management tray | ✓ | ✓ | | ✓ | ✓ |
| Enhanced Slide Label System | | | ✓ | | |
| Cage nuts and 1-96 label kit included | ✓ | ✓ | ✓ | | ✓ |
| 25 Year Warranty available | ✓ | ✓ | ✓ | ✓ | ✓ |

For copies of the product specification sheets and Delta certificates, where applicable, please visit the downloads area of www.excel-networking.com

Excel Category 5e Patch Panel - Product Selector

The Excel range offers a broad choice of PCB Board Cat5e Patch Panel designs

| Patch Panels | | | | | | |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Excel Category 5e Unscreened | Excel Category 5e Unscreened Through Coupler | Excel Category 5e Unscreened | Excel Category 5e Unscreened | Excel Category 5e Unscreened Right Angle Panel | Excel Plus Category 5e Unscreened Right Angle Panel | Excel Category 5e Screened Right Angle Panel |
| P/N 100-720 16 port - Black P/N 100-726 24 port - Black P/N 100-722 32 port - Black P/N 100-728 48 port - Black | P/N 100-309 24 port - Black | P/N 100-450 24 port - Blue P/N 100-451 24 port - Red | P/N 100-470 24 port - Black | P/N 100-460 24 port - Black P/N 100-497 48 port - Black | P/N 100-490 24 port - Black | P/N 100-736 24 port - Black |
|  |  |  |  |  |  |  |
| | | | | ✓ | ✓ | ✓ |
| | | | ✓ | | ✓ | |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Excel Mounting Hardware

Product Selector

Excel offers a range of Keystone Jacks with compatible straight or angled shutters and faceplate mounting options



| | | Shutter | | | |
|---------------------------------------------------------------------------------------------------------------------------------|--|------------------------------|------------------------------|----------------------------|----------------------------|
| | | Euromod 25 x 50 mm | | | |
| | | Excel White Keystone Shutter | Excel Black Keystone Shutter | Excel White Angled Shutter | Excel Black Angled Shutter |
| | | P/N 100-014 | P/N 100-014-BK | P/N 100-175 | P/N 100-175-BK |
| | | | | | |
| Excel Category 6 _A Screened Keystone Toolless Jack P/N 100-180 - Chrome | | ✓ | ✓ | ✓ | ✓ |
| Excel Category 6 _A Low Profile Screened Keystone Toolless Jack P/N 100-181 - Chrome | | ✓ | ✓ | ✓ | ✓ |
| Excel Category 6 _A Low Profile Unscreened Keystone Toolless Jack P/N 100-182-WT - White P/N 100-182-BK - Black | | ✓ | ✓ | ✓ | ✓ |
| Excel Category 6 _A Unscreened Keystone Jack P/N 100-156 - White P/N 100-156-BK - Black | | ✓ | ✓ | ✓ | ✓ |
| Excel Category 6 Screened Keystone Toolless Jack P/N 100-210 - Chrome | | ✓ | ✓ | ✓ | ✓ |
| Excel Category 6 Unscreened Keystone Jack P/N 100-011 - White P/N 100-011-BK - Black | | ✓ | ✓ | ✓ | ✓ |
| Excel Category 6 Low Profile Unscreened Keystone Toolless Jack P/N 100-215-WT - White P/N 100-215-BK - Black | | ✓ | ✓ | ✓ | ✓ |
| Excel Category 5e Screened Keystone Toolless Jack P/N 100-906 - Chrome | | ✓ | ✓ | ✓ | ✓ |
| Excel Category 5e Low Profile Unscreened Keystone Toolless Jack P/N 100-202-WT - White P/N 100-202-BK - Black | | ✓ | ✓ | ✓ | ✓ |
| Excel Category 5e Unscreened Keystone Jack P/N 100-010 - White P/N 100-010-BK - Black | | ✓ | ✓ | ✓ | ✓ |
| Excel Category 6 _A Screened Keystone Through Coupler P/N 100-107 - Chrome | | ✓ | ✓ | ✓ | ✓ |
| Excel Category 6 Screened Keystone Through Coupler P/N 100-106 - Chrome | | ✓ | ✓ | ✓ | ✓ |

Excel Mounting Hardware - Faceplate Product Selector



Shutter

Euromod 25 x 50 mm

| Excel White Keystone Shutter | Excel Black Keystone Shutter | Excel White Angled Shutter |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| P/N_100-014 | P/N_100-014-BK | P/N_100-175 |
|  |  |  |

Faceplate

| | | | | |
|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---|---|---|
| Excel Single Gang Bevelled Faceplate P/N_100-712 |  | ✓ | ✓ | ✓ |
| Excel Single Gang Flat Faceplate P/N_100-714 |  | ✓ | ✓ | ✓ |
| Excel Double Gang Bevelled Faceplate P/N_100-716 |  | ✓ | ✓ | ✓ |
| Excel Double Gang Flat Faceplate P/N_100-718 |  | ✓ | ✓ | ✓ |
| Excel Single Gang 6c Faceplate P/N_100-670 |  | | | |
| Excel Double Gang 6c Faceplate P/N_100-671 |  | | | |
| Excel Office Single Gang Faceplate c/w 2 half blanks P/N_100-270 |  | | ✓ | |
| Excel Office Double Gang Faceplate c/w 2 half blanks P/N_100-271 |  | | ✓ | |
| Excel Office Single Gang Faceplate c/w 2 half blanks - grey P/N_100-270-GE |  | ✓ | ✓ | ✓ |
| Excel Office Double Gang Faceplate c/w 2 half blanks - grey P/N_100-271-GE |  | ✓ | ✓ | ✓ |

For copies of the product specification sheets and Delta certificates, where applicable, please visit the downloads area of www.excel-networking.com

| | | 6c | | Excel Office Dimension | |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Excel Black Angled Shutter | Excel White Angled Shutter | Excel White Keystone 6c Shutter | Excel White Angled 6c Shutter | Excel Office White Angled Shutter | Excel Office Grey Angled Shutter |
| P/N 100-175-BK | P/N 100-020 & P/N 100-020-BK | P/N 100-018 & P/N 100-018-BK | P/N 100-022 & P/N 100-022-BK | P/N 100-280 | P/N 100-280-GE |
|  |  |  |  |  |  |
| ✓ | ✓ | | | | ✓ |
| ✓ | ✓ | | | | ✓ |
| ✓ | ✓ | | | | ✓ |
| ✓ | ✓ | | | | ✓ |
| | | ✓ | ✓ | | |
| | | ✓ | ✓ | | |
| ✓ | | | | ✓ | ✓ |
| ✓ | | | | ✓ | ✓ |
| ✓ | ✓ | | | ✓ | ✓ |
| ✓ | ✓ | | | ✓ | ✓ |

Excel Mounting Hardware - Faceplate Product Selector

Modules - Euromod



| | | Face Plate | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| | | Excel Single Gang Bevelled | Excel Single Gang Flat |
| | | P/N 100-712 | P/N 100-714 |
| | |  |  |
| Modules | | | |
| Excel Category 6 Unscreened P/N 100-300 - White P/N 100-298 - Black |  | ✓ ✓ | ✓ ✓ |
| Excel Category 6 Unscreened Low Profile P/N 100-366 - White P/N 100-366-BK Black |  | ✓ ✓ | ✓ ✓ |
| Excel Category 5e Unscreened P/N 100-700 - White P/N 100-730 - Blue P/N 100-731 - Red P/N 100-732 - Green |  | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ |
| Excel Category 5e Unscreened Low Profile P/N 100-760 - White P/N 100-763 - Black P/N 100-737 - Blue P/N 100-738 - Red |  | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ |
| Excel Category 5e Screened P/N 100-706 - White |  | ✓ | ✓ |
| Excel Voice Modules Secondary - Euro Style P/N 100-781 - White PABX - Euro Style P/N 100-783 - White PSTN - Euro Style P/N 100-785 - White PSTN - Euro Style, Left Hand Polarised |  | ✓ ✓ ✓ | ✓ ✓ ✓ |
| Excel Office Category 6 Unscreened Low Profile P/N 100-276 - White P/N 100-276-GE - Grey |  | ✓ | ✓ |
| Excel Office Category 5e Unscreened Low Profile P/N 100-275 - White P/N 100-275-GE - Grey |  | ✓ | ✓ |

| Excel Double Gang Bevelled | Excel Double Gang Flat | Excel Office Single Gang c/w 2 half blanks | Excel Office Double Gang c/w 2 half blanks | Excel Office Single Gang c/w 2 half blanks - grey | Excel Office Double Gang c/w 2 half blanks |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| <u>P/N</u> 100-716 | <u>P/N</u> 100-718 | <u>P/N</u> 100-270 | <u>P/N</u> 100-271 | <u>P/N</u> 100-270-GE | <u>P/N</u> 100-271-GE |
|  |  |  |  |  |  |
| ✓ ✓ | ✓ ✓ | ✓ | ✓ | ✓ ✓ | ✓ ✓ |
| ✓ ✓ | ✓ ✓ | ✓ | ✓ | ✓ ✓ | ✓ ✓ |
| ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ | ✓ ✓ ✓ ✓ |
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| ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ |
| ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ |

Excel Mounting Hardware - Faceplate Product Selector

Modules - 6c



| | | Face Plate | |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| | | Excel Single Gang 6c Faceplate | Excel Double Gang 6c Faceplate |
| | | P/N.100-670 | P/N.100-671 |
| | |  |  |
| Keystone | | | |
| Excel Category 6 Unscreened RJ45 Module P/N.100-301 - White |  | ✓ | ✓ |
| Excel Category 6 Unscreened Low Profile RJ45 Module P/N.100-297 - White |  | ✓ | ✓ |
| Excel Category 5e Unscreened Low Profile RJ45 Module P/N.100-757 - White |  | ✓ | ✓ |
| Excel Category 5e Unscreened RJ45 Module P/N.100-758 - White |  | ✓ | ✓ |
| Excel Voice Module Secondary - 6c Style P/N.100-787 |  | ✓ | ✓ |

For copies of the product specification sheets and Delta certificates, where applicable, please visit the downloads area of www.excel-networking.com

CPR Construction Products Regulation

The CPR (Construction Products Regulation) has been around for over 15 years and the inclusion of communications cables - both Copper and Fibre - came into force on the 1st of July 2016.

All products supplied by Excel into the EU market since 1st July 2017 are CPR compliant. We demonstrate this through certificates known as Declarations of Performance (DOPs) (available on the Excel website, through labelling on product packaging, printing in the legend on the outer sheath of the cable jackets, or by the product being placed on the market prior to this date. A product's Euroclass also appears on all Excel Networking specification sheets and in forthcoming editions of the product catalogue, along with sub-classifications for smoke development (s), flaming droplets (d) and acidity (a).



The impact of BS6701:A1

BS6701:2016+A1:2017 states that the minimum Euroclass for telecommunications cable within scope of CPR shall be Cca s1b d2 a2. Excel products meet or exceed the minimum requirements defined within BS6701:2016+A1:2017.

Excel Explains...



Take a look at our Youtube Channel (www.youtube.com/excelnetworking) to view our first series of Excel Explains webinars, where we delve into the finer details of the Construction Products Regulation and the BS6701:A1.

| Euroclass(ca) | Classification Criteria | Additional Criteria | Attestation of conformity system |
|---------------|------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A | EN ISO 1716 Gross heat of combustion | | |
| B1 | EN 50399 Heat release Flame spread | Smoke production (s1a, s1b, s2, s3) EN50399/EN61034-2 | 1+ |
| B2 | | Acidity (a1, a2, a3) EN 50267-2-3 | Initial type-testing and continuous surveillance with audit testing of samples by 3rd party certification body factory production control (FPC) by manufacturer |
| C | EN 50575 Flame propagation | Flaming droplets (d0, d1, d2) EN 50399 | 3 |
| D | | | Initial type testing by 3rd party laboratory FPC by manufacturer |
| E | EN 50575 Flame propagation | | 4 |
| F | | | Initial type testing and FPC by manufacturer |

CPR Compliance

Excel offer CPR-compliant cabling across their copper and fibre portfolios, with product available to suit each Member country's requirements.

Visit www.excel-networking.com to learn more about CPR and the BS6701:A1. There is a short video and a downloadable infographic which help to clarify details about the industry regulation and what you should do in order to comply.



Understanding CPR and BS6701:A1 at a glance...

Visit www.excel-networking.com/understanding-cpr to learn more and download our CPR Infographic.

Understand what a Euroclass means:



Be aware of the difference in performances of each Euroclass:

A closer look at CPR Euroclasses

| | |
|----------------------------------|-------------------------------|
| Fca Undetermined reaction | B2ca Low reaction |
| Eca Basic reaction | B1ca Very low reaction |
| Dca Improved reaction | Aca No reaction |
| Cca Reduced reaction | |

- A CPR-compliant cable must belong to 1 of 7 Euroclass categories.
- Each category relates precisely to the way it performed under the appropriate testing.
- Each Euroclass **Fca** → **Fca** determines an individual cables reaction to fire.



Plastic Free Packaging

As a business we are acutely aware of the damage that plastic has on the environment and we are determined to lead the way in our industry to remove as much 'single use plastic' from the supply chain. It hasn't been an easy change but one that we've persevered with to develop alternative 'plastic free' packaging for much of our copper and fibre product lines, as well as reducing card board box sizes where we can. This latest drive to remove single-use plastic bags from a range of Excel products is the latest example of our efforts to improve our sustainability – but it is by no means the end of the road. Our responsible packaging solutions are being introduced from 2019 and will become the standard as stocks of the current packaging designs are depleted.



Why should you #PassOnPlastic?

| | | | | |
|----------------------|-----------------------|--------------------|-----------------------------|--------------------------|
| | | | | |
| Reduced Waste Volume | 100% Recyclable Waste | Quicker to Install | Easier for Engineer On-Site | Lower Installation Costs |

By switching to "natural" brown packaging options, we will be reducing our annual single-use plastic bag usage by more than **16 million bags***. This is the equivalent of **over 40 tonnes** of single-use plastic being removed from the supply chain and replaced with **100% recyclable** packaging.

**based upon our 2018 sales figures*

<https://www.excel-networking.com/plastic-free>

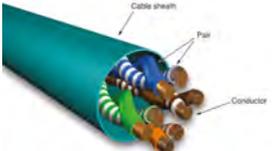
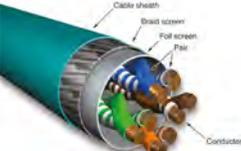
Cable Types

The first letter of the acronym describes the overall screening. The second letter describes the screening of individual pairs and the TP refers to the Twisted Pairs.

The reason for the additional letter at the beginning of the acronym is to avoid confusion of the different types of screened cables which have been developed in the last few years.

| | |
|--------------------------------------|--------------|
| Example | F/UTP |
| Describes the overall screen | ↑ |
| Describes the screening of the pairs | ↑ |
| Describes the Twisted Pairs | ↑ |

The following are the types of cable recognised in the ISO/IEC 11801 standard.

| | | | |
|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| <p>U/UTP Unscreened outer with unscreened twisted pairs</p> |  | <p>SF/UTP Screened braid and foil outer with unscreened twisted pairs</p> |  |
| <p>F/UTP Screened foil outer with unscreened twisted pairs</p> |  | <p>S/FTP Screened braid outer with individual screened foil twisted pairs</p> |  |
| <p>U/FTP Unscreened outer with individual screened foil twisted pairs</p> |  | <p>F/FTP Screened foil outer with individual screened foil twisted pairs</p> |  |

Excel Category 8 Screened S/FTP Dca LS0H Cable



The Excel Category 8 Screened S/FTP LS0H Cable is designed and manufactured to meet and exceed the ISO, CENELEC and TIA standards. This delivers Class FA link and channel performance supporting all applications detailed and proposed within the standards. The performance characteristics have been enhanced to 2000 MHz for specialist applications.

Each cable consists of 4 pairs individually wrapped in a covering of high quality, strong, aluminium/polyester foil tape providing an individual screen for each pair. These sub units are then cabled together, with the pairs set to different lay lengths to ensure optimum performance, an overall braid screen is applied to provide further immunity to outside noise and to mitigate any risk of alien cross talk.

Excel Category 8 cables are jacketed in a violet low smoke zero halogen (LS0H) flame retardant compound. The cable is supplied on 305 metre plywood drums, and the cable legend includes Euroclass information as standard for clear classification and traceability.



Features

- Low Smoke Zero Halogen Jacket
- High performance design
- Individual foil pairs with overall braid screen
- 25 Year System Warranty
- Category 8 Performance to 2000 MHz
- 22 AWG Conductors
- 3rd Party Verified Component Compliance
- Dca Euroclass = Dca, s2, d2, a1

| Description | Part Number |
|-------------------------------------------------------------|-------------|
| Category 8 Screened S/FTP Dca LS0H Violet Cable - 305m Reel | 100-903 |

Excel Category 8 Screened Butterfly Toolless Jack

The Excel Category 8 cabling infrastructure has been designed to support short-distance (between 5 and 30 metres) runs of 25GBase-T or 40GBase-T transmission. A choice of compatible Patch Panel frames with either 16 or 24 port density in both black and chrome are available.

The socket itself is housed in a high-quality zinc die cast housing, which opens at the rear in a butterfly manner to reveal the IDC termination points. Once the pairs are arranged in the cable management cap and trimmed it is a simple case of closing the 'butterfly' together to complete the termination.



Features

- 25 Year System Warranty
- 360° Screen die cast housing
- Toolless termination design
- RoHS, Reach/SVHC compliant



| Description | Part Number |
|---------------------------------------------|-------------|
| Category 8 Screened Butterfly Toolless Jack | 100-801 |

Excel Category 8 Field Termination RJ45 Plug

The Excel Category 8 Screened Field Termination RJ45 Plug offers easy, toolless termination and complies fully with ISO/IEC 11801, Category 8 and ANSI/TIA-568-C.2, Category 8 standards.

It offers a fully shielded die-cast zinc alloy, nickel plated body and gold-plated phosphor bronze contact pins. Suitable for cable diameters between 5.6 and 8.5mm, strain relief is provided by the compression nut on the back of the connector. IDC termination accepts wire gauges from 22 to 24AWG.



Features

- Fully Screened Category 8
- Die-cast zinc alloy construction
- Toolless - easy termination
- Supports 25-40 Gigabit Ethernet
- RoHS, Reach/SVHC compliant



| Description | Part Number |
|----------------------------------------|-------------|
| Category 8 Field Termination RJ45 Plug | 100-802 |

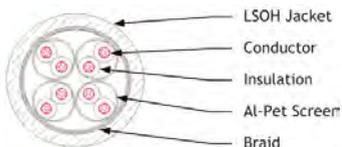
Excel Category 7_A Screened S/FTP Cable - 1000 MHz



The Excel Category 7_A Screened S/FTP LS0H Cable is designed and manufactured to meet and exceed the ISO, CENELEC and TIA standards. This delivers Class F_A link and channel performance supporting all applications detailed and proposed within the standards. This superior performance cable is ETL Component Verified.

Each cable consists of 4 pairs individually wrapped in a covering of high quality, strong, aluminium/polyester foil tape providing an individual screen for each pair. These sub units are then cabled together, with the pairs set to different lay lengths to ensure optimum performance, an overall braid screen is applied to provide further immunity to outside noise and to mitigate any risk of alien cross talk.

Excel Category 7_A cables are jacketed in a yellow low smoke zero halogen (LS0H) flame retardant compound. Supplied on 500 metre plywood drums, each cable has a print legend identifying the specification, part code and sequential.



Features

- Low Smoke Zero Halogen Jacket
- Category 7_A Performance to 1000 MHz
- High performance design
- Individual foil pairs with overall braid screen
- 3rd Party Delta Verified Component Compliance
- Dca Euroclass = Dca S2 d2 a2
- B2ca Euroclass = B2ca s1a d1 a1



| Description | Part Number |
|-------------------------------------------------------------------------------------|-------------|
| Category 7 _A Screened S/FTP Yellow B2ca LS0H Cable – 1000 MHz – 500m | 190-910 |
| Category 7 _A Screened S/FTP Violet B2ca LS0H Cable – 1000 MHz – 500m | 190-910-VT |
| Category 7 _A Screened S/FTP Yellow Dca LS0H Cable - 1000 MHz - 500m | 100-910 |
| Category 7 _A Screened S/FTP Violet Dca LS0H Cable - 1000 MHz - 500m | 100-910-VT |
| Category 7 _A Screened S/FTP Dual Yellow Dca LS0H Cable - 1000 MHz - 500m | 100-911 |

Please check with your local Excel Sales Office or distributor for in country product availability

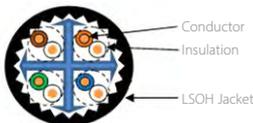
Excel Category 6_A Unscreened U/UTP Cable – LSOH

Excel Category 6_A cables, and associated connectors, take the performance capabilities of copper infrastructure to new levels.

Designed to the current ISO EN and TIA standards for Class EA / Category 6_A performance these products are intended to deliver reliable, high network performance over permanent link distances of up to 90 metres and channels up to 100m, including applications such as 10GBASE-T, 10 Gigabit Ethernet.

Each cable consists of 4 unscreened twisted pairs which are formed around a specifically designed X filler, manufactured from lightweight flexible polyethelene. The use of a X filler to separate and maintain the position of conductors within high frequency unscreened cable designs has become standard practice following their introduction into Category 6 cables some years ago. By controlling - and making consistent - the spacing and positioning of each pair in relation to the others within the cable performance levels can be assured and issues such as crosstalk within and between cables can be addressed.

Excel Category 6_A cables are jacketed in an Ice Blue low smoke zero halogen (LSOH) compound compliant with flame retardant standards as defined in IEC 60332-1 (option for IEC 60332-3), and smoke emission standards IEC61034. Supplied on 500 metre plywood drums, each cable has a print legend identifying the specification, part code and sequential metre marking which counts down from 500 metres to 1 metre, on each drum to reduce waste.



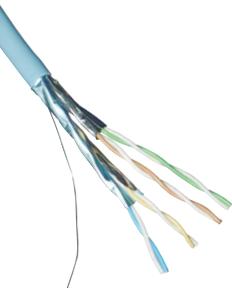
Features

- Category 6_A component compliant
- Suitable for 10 Gigabit, Ethernet applications
- Lightweight, Compact Round Design
- Low Smoke Zero Halogen Outer Sheath
- Conventional unscreened construction
- Compact, but robust, design
- Specified to 500MHz
- 25 Year System Warranty Available
- B2ca Euroclass = B2ca s1a d1 a1
- Dca Euroclass = Dca s2 d2 a1



| Description | Part Number |
|---------------------------------------------------------------|-------------|
| Category 6 _A U/UTP Cable B2ca LSOH Ice Blue - 500m | 190-189 |
| Category 6 _A U/UTP Cable Dca LSOH Ice Blue - 500m | 100-189 |

Excel Category 6_A Screened U/FTP S-Foil Cable - LS0H



Excel Category 6_A cables, and associated connectors, take the performance capabilities of copper infrastructure to new levels. The cable has been designed to exceed the ISO/IEC, TIA and CENELEC for Category 6_A component requirements. This delivers Class E_A link performance over distances of up to 90 metres which supports the applications including 10GBASE-T, 10 Gigabit Ethernet.

Each cable consists of two sets of two pairs wrapped together in an “S” configuration with high quality, strong, aluminium/polyester foil tape providing screening for each pair. The “S” Foil configuration ensures separation of the pairs which reduces the diameter and weight of the cable whilst enhancing the performance. This smaller cable diameter has reduced the cable cross-sectional area by 14.5%, meaning the cable occupies less space in the containment which in turn improves airflow in under floor installations and with less weight the containment used can be of a lighter construction. The individual pairs are set to different lay lengths to ensure optimum performance.

Excel Category 6_A cables are jacketed in an Ice Blue low smoke zero halogen (LS0H) compound compliant with flame retardant standards as defined in IEC 60332-1, and smoke emission standards IEC61034.



Photograph represents style only

**AVAILABLE
IN 305M BOX**
excel



Features

- Lightweight, Compact Design
- Category 6_A compliant
- Specified to 500MHz
- Suitable for 10GBASE-T, 10 Gigabit Ethernet Applications
- “S” foil screen
- Supports Power over Ethernet (PoE) and Power over Ethernet Plus (PoE-*plus*)
- 305 m box – 260 x 490 x 485 mm (approx) – 16.1 kg (approx)
- 25 Year System Warranty Available
- B2ca Euroclass = B2ca s1a d1 a1
- Cca Euroclass = Cca s1a d1 a1
- Dca Euroclass = Dca s2 d2 a1
- Note: Part Number 100-199 - Dca Euroclass = Dca S2 d2 a2

| Description | Part Number |
|--------------------------------------------------------------------------------|-----------------|
| Category 6 _A U/FTP “S” Foil Cable B2ca LS0H, 500m, Ice Blue | 190-191 |
| Category 6 _A U/FTP “S” Foil Cable B2ca LS0H, 305m, Ice Blue - Boxed | 190-191-305M |
| Category 6 _A U/FTP “S” Foil Cable B2ca LS0H, 305m, White - Boxed | 190-191-WT-305M |
| Category 6 _A U/FTP “S” Foil Cable B2ca LS0H, White, 500m | 190-198 |
| Category 6 _A U/FTP “S” Foil Cable Cca LS0H, 500m, Ice Blue | 170-191 |
| Category 6 _A U/FTP “S” Foil Cable Cca LS0H, 305m, Ice Blue - Boxed | 170-191-305M |
| Category 6 _A U/FTP “S” Foil Cable Cca LS0H, 305m, White - Boxed | 170-191-WT-305M |
| Category 6 _A U/FTP “S” Foil Dual Cable Cca LS0H, 500m, Ice Blue | 170-194 |
| Category 6 _A U/FTP “S” Foil Cable Cca LS0H, White, 500m | 170-198 |
| Category 6 _A U/FTP “S” Foil Cable Dca LS0H, 500m, Ice Blue | 100-191 |
| Category 6 _A U/FTP “S” Foil Cable Dca LS0H, 305m, Ice Blue - Boxed | 100-191-305M |
| Category 6 _A U/FTP “S” Foil Cable Dca LS0H, White | 100-198 |
| Category 6 _A U/FTP “S” Foil Dual Cable Dca LS0H, 500m, Ice Blue | 100-194 |
| Category 6 _A U/FTP “S” Foil Dual Cable Dca* LS0H, 500m, Ice Blue | 100-199 |

Note: Part Number 100-199 - Dca Euroclass = Dca S2 d2 a2



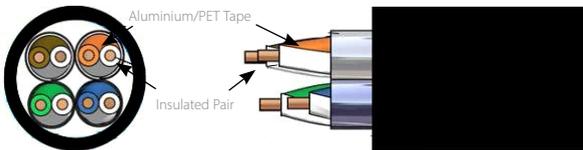
Category 6_A Screened U/FTP S-Foil Cable External Grade

Excel External Category 6_A Screened U/FTP Cable designed to offer performance with the protection to allow it to be installed externally.

Ideal for connecting external equipment such as IP Cameras or Wireless Access Points using a cable that can be installed into external ducts and pathways.

Each cable consists of two sets of two pairs wrapped together in an "S" configuration with high quality, strong, aluminium/polyester foil tape providing screening for each pair. The "S" Foil configuration ensures separation of the pairs which reduces the diameter and weight of the cable whilst enhancing the performance. This smaller cable diameter has reduced the cable cross-sectional area by 14.5%, meaning the cable occupies less space in the containment which in turn improves airflow in under floor installations and with less weight the containment used can be of a lighter construction. The individual pairs are set to different lay lengths to ensure optimum performance.

Excel external grade Category 6_A cables are jacketed in Black UV and moisture resistant polyethylene. Supplied on 500 metre plywood drums, each cable has a print legend identifying the specification, part code and sequential metre marking which counts down from 500 metres to 1 metre, on each drum to reduce waste.



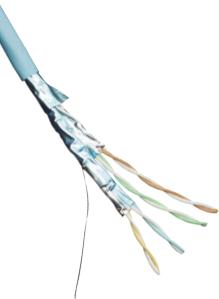
Features

- 25 Year System Warranty Available
- Category 6_A compliant
- Specified to 500MHz
- "S" foil screen
- Supplied on 500m reels
- External Grade Polyethylene Outer Sheath
- Supports 10 Gigabit Ethernet Application

| Description | Part Number |
|---------------------------------------------------------|-------------|
| Category 6 _A U/FTP External Cable Fca - 500m | 100-980 |



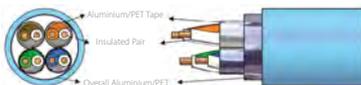
Excel Category 6_A Screened F/FTP S-Foil Cable - LS0H



Excel Category 6_A - Augmented Category 6 - cables, and associated connectors, take the performance capabilities of copper infrastructure to new levels. The cable has been designed to exceed the ISO/IEC, TIA and CENELEC for Category 6_A/Augmented Category 6 component requirements. This delivers Class E_A/Augmented Category 6 link performance over distances of up to 90 metres which supports the applications including 10GBASE-T, 10 Gigabit Ethernet.

Each cable consists of two sets of two pairs wrapped together in an “S” configuration with high quality, strong, aluminium/polyester foil tape providing screening for each pair. The “S” Foil configuration ensures separation of the pairs which reduces the diameter and weight of the cable whilst enhancing the performance. This smaller cable diameter has reduced the cable cross-sectional area by 14.5%, meaning the cable occupies less space in the containment which in turn improves airflow in under floor installations and with less weight the containment used can be of a lighter construction. The individual pairs are set to different lay lengths to ensure optimum performance.

Excel Category 6_A cables are jacketed in an Ice Blue low smoke zero halogen (LS0H) compound compliant with flame retardant standards as defined in IEC 60332-1, and smoke emission standards IEC61034. Supplied on 500 metre plywood drums, each cable has a print legend identifying the specification, part code and sequential metre marking which counts down from 500 metres to 1 metre, on each drum to reduce waste.



Features

- Lightweight, Compact Design
- Category 6_A compliant
- Specified to 500MHz
- Suitable for 10GBASE-T, 10 Gigabit Ethernet Applications
- “S” foil screen
- Supports Power Over Ethernet (POE) Plus
- 25 Year System Warranty Available
- B2ca Euroclass = B2ca s1a d1 a1
- Cca Euroclass = Cca s1a d1 a1
- Dca Euroclass = Dca s1a d1 a1

| Description | Part Number |
|----------------------------------------------------------------------------|-------------|
| Category 6 _A F/FTP “S” Foil Cable B2ca LS0H, 500m, Ice Blue | 190-196 |
| Category 6 _A F/FTP “S” Foil Cable Cca LS0H, 500m, Ice Blue | 170-196 |
| Category 6 _A F/FTP “S” Foil Dual Cable Cca LS0H, 500m, Ice Blue | 170-197 |
| Category 6 _A F/FTP “S” Foil Cable Dca LS0H, 500m, Ice Blue | 100-196 |
| Category 6 _A F/FTP “S” Foil Cable Dca LS0H, 500m, Orange | 100-196-OR |
| Category 6 _A F/FTP “S” Foil Cable Dca LS0H, 500m, Green | 100-196-GN |
| Category 6 _A F/FTP “S” Foil Dual Cable Dca LS0H, 500m, Ice Blue | 100-197 |
| Category 6 _A F/FTP “S” Foil Dual Cable Dca LS0H, 500m, Ice Blue | 100-206 |



Excel Category 6_A Screened Twisted Pair Cable S/FTP

The Excel Category 6_A screened S/FTP LS0H cable is designed and manufactured to meet and exceed the ISO, Cenelec and TIA standards. This delivers Class Ea link and channel performance supporting all applications detailed and proposed within the standards. This superior performance cable is 3rd Party Component Verified.

Each cable consists of 4 pairs individually wrapped in an overall covering of high quality aluminium/polyester foil tape providing an individual screen for each pair. These sub units are then cabled together with the pairs set to different lay lengths to ensure optimum performance, an overall braid screen is applied to provide further immunity to outside noise and to mitigate any risk of alien cross talk.

Excel Category 6_A S/FTP cables are jacketed in a white, grey or orange low smoke zero halogen (LS0H) flame retardant compound. Supplied on 500 metre plywood drums, each cable has a print legend identifying the specification, part code and sequential metre marking.



Features

- 500mtr Reel
- White Outer Sheath
- Low Smoke Zero Halogen Jacket
- 25 Year System Warranty Available
- B2ca Euroclass = B2ca s1 d1 a1
- Dca Euroclass = Dca s2 d2 a2



| Description | Part Number |
|------------------------------------------------------------------------------|-------------|
| Excel Category 6 _A S/FTP Screened Cable B2ca – White – 500m | 190-914 |
| Excel Category 6 _A S/FTP Screened Cable Dca – White – 500m | 100-914 |
| Excel Category 6 _A S/FTP Screened Cable Dca - White (Dual) – 500m | 100-915 |
| Excel Category 6 _A S/FTP Screened Cable Dca - Grey – 500m | 100-914-GRY |
| Excel Category 6 _A S/FTP Screened Cable Dca – Orange – 500m | 100-914-ORG |

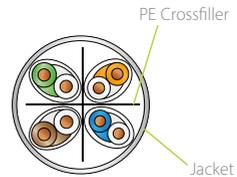
Excel Category 6_A Unscreened Twisted Pair (U/UTP) Patch Leads - LS0H



Excel Category 6_A U/UTP patch leads consist of 4 twisted pairs of 26AWG stranded copper wires. These pairs are then cabled together, with different lay lengths to ensure optimum performance. Staggered pin RJ45 plugs, terminate the cable, and each lead is fitted with colour coded slimline moulded boots, suitable for use in high density router or switch blades.

Features

- Specified to 500MHz
- Suitable for 10 Gigabit, 10GBase-T, Ethernet application
- EC verified
- Blade style 'slimline' moulded strain relief boot with clip protector
- Choice of length and colour
- Low smoke zero halogen outer sheath
- 25 Year System Warranty Available



| Length (M) | Grey | Blue | Red | Yellow | Green |
|------------|---------|---------|---------|---------|---------|
| 1 | 100-500 | 100-509 | 100-519 | 100-529 | 100-539 |
| 2 | 100-501 | 100-510 | 100-520 | 100-530 | 100-540 |
| 3 | 100-502 | 100-511 | 100-521 | 100-531 | 100-541 |
| 5 | 100-503 | 100-512 | 100-522 | 100-532 | 100-542 |

Alternative lengths and colours are available subject to minimum order quantities and lead times.

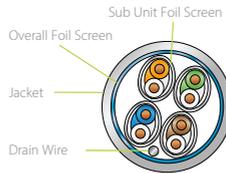
Excel Category 6_A Screened Twisted Pair (F/FTP) Patch Leads - LS0H

Excel Category 6_A F/FTP patch leads consist of 4 twisted pairs of 26AWG stranded copper wires, an aluminium/polyester foil tape provides an individual screen for each pair. These pairs are then cabled together, with different lay lengths to ensure optimum performance and wrapped in an overall foil tape screen. Staggered pin RJ45 shielded plugs, terminate the cable, and each lead is fitted with colour coded slimline moulded boots, suitable for use in high density router or switch blades.



Features

- Specified to 500MHz
- Suitable for 10 Gigabit, 10GBase-T, Ethernet application
- EC verified
- Individual foil screen over each pair plus overall foil tape screen
- Blade style 'slimline' moulded strain relief boot with clip protector
- Low smoke zero halogen outer sheath
- 25 Year System Warranty Available
- Compatible with Excel F/FTP cable - part number 100-196



| Length (M) | Grey | Blue | Red | Yellow | Green |
|------------|------------|------------|------------|------------|------------|
| 0.3 | 101-130-10 | 101-131-10 | 101-132-10 | 101-133-10 | 101-134-10 |
| 0.5 | 100-176-10 | 100-220-10 | 100-221-10 | 100-222-10 | 100-223-10 |
| 1 | 100-148 | 100-159 | 100-161 | 100-166 | 100-173 |
| 1.5 | 101-140 | 101-141 | 101-142 | 101-143 | 101-144 |
| 2 | 100-152 | 100-157 | 100-162 | 100-167 | 100-171 |
| 3 | 100-153 | 100-158 | 100-163 | 100-168 | 100-172 |
| 4 | 100-149 | - | - | - | - |
| 5 | 100-154 | 100-160 | 100-165 | 100-170 | 100-174 |
| 7 | 100-178 | - | - | - | - |
| 10 | 100-177 | 100-261 | 100-262 | 100-263 | 100-264 |
| 15 | 100-265 | 100-266 | 100-267 | 100-268 | 100-269 |
| 20 | 100-543 | 100-544 | 100-545 | 100-546 | 100-547 |



0.215m patch leads sold in packs of 10



| Length (M) | White | Black | Pink | Orange | Violet |
|------------|---------|---------|---------|---------|---------|
| 0.3 | 101-135 | 101-136 | 101-137 | 101-138 | 101-139 |
| 0.5 | 100-224 | 100-225 | 100-226 | 100-227 | 100-228 |
| 1 | 100-238 | 100-239 | 100-240 | 100-241 | 100-242 |
| 1.5 | 101-145 | 101-146 | 101-147 | 101-148 | 101-149 |
| 2 | 100-244 | 100-245 | 100-246 | 100-247 | 100-248 |
| 3 | 100-250 | 100-251 | 100-252 | 100-253 | 100-254 |
| 5 | 100-256 | 100-257 | 100-258 | 100-259 | 100-260 |



Excel Category 6_A Lockable S/FTP LS0H – Patch Leads Booted



Excel Category 6_A S/FTP Lockable patch leads are manufactured and tested to ISO 11801, EN 50173 & TIA/EIA 568 requirements for patch cord assemblies and provide optimum performance levels for structured cabling installations. Excel Category 6_A S/FTP Lockable patch leads provide added security, preventing unwanted disconnection on secure or sensitive circuits. Disconnection can only be achieved by using the key which is supplied separately to the Patch Leads

Features

- Secure - Prevents Unwanted Disconnection
- Screened braid outer with individual screened foil
- Keys Sold Separately
- Category 6_A Compliant
- Backward Compatible
- Independently verified
- T568B wiring
- LS0H outer sheath
- Individually bagged
- 25 Year System Warranty Available

| Description | Part Number |
|---------------------------------------------------------------------------------|-------------|
| Excel Category 6 _A S/FTP LS0H 0.5m Lockable Booted Patch Lead – Grey | 101-120 |
| Excel Category 6 _A S/FTP LS0H 1m Lockable Booted Patch Lead – Grey | 101-122 |
| Excel Category 6 _A S/FTP LS0H 2m Lockable Booted Patch Lead – Grey | 101-124 |
| Excel Category 6 _A S/FTP LS0H 3m Lockable Booted Patch Lead – Grey | 101-126 |
| Excel Category 6 _A S/FTP LS0H 5m Lockable Booted Patch Lead – Grey | 101-128 |
| Excel key for lockable Patch Leads (Pair) | 101-LCKEY |

Excel Category 6_A High Density S/FTP LS0H – Patch Leads Booted



Excel Category 6_A S/FTP High Density patch leads are manufactured and tested to ISO 11801, EN 50173 & TIA/EIA 568 requirements for patch cord assemblies and provide optimum performance levels for structured cabling installations. Plugging and un-plugging is achieved through the unique push-pull design of the RJ45 connector and the use of a special tool (available separately) which extends the grip and removes the necessity to release the connector with the fingers.

Features

- Suitable for High Density Switches and Panels
- Screened braid outer with individual screened foil
- Release Tools Sold Separately
- Category 6_A Compliant
- Backward Compatible
- Independently verified
- T568B wiring
- Blade style 'slimline' moulded strain relief boot with clip protector
- LS0H outer sheath
- Individually bagged
- 25 Year System Warranty Available

| Description | Part Number |
|-------------------------------------------------------------------------------------|-------------|
| Excel Category 6 _A S/FTP LS0H 0.5m High Density Booted Patch Lead – Grey | 102-150 |
| Excel Category 6 _A S/FTP LS0H 1m High Density Booted Patch Lead – Grey | 102-152 |
| Excel Category 6 _A S/FTP LS0H 2m High Density Booted Patch Lead – Grey | 102-154 |
| Excel Category 6 _A S/FTP LS0H 3m High Density Booted Patch Lead – Grey | 102-156 |
| Excel Category 6 _A S/FTP LS0H 5m High Density Booted Patch Lead – Grey | 102-158 |
| Excel Release Tool for High Density Patch Leads (Pair) | 102-HDTOOL |

Excel Category 6_A Screened S/FTP LS0H Patch Leads Blade Booted

Excel Category 6_A (Augmented Category 6) patch leads take the performance capabilities of copper infrastructure to new levels. Designed to the current ISO and EIA/TIA standards for Class Ea augmented Category 6_A performance these products are intended to deliver reliable, high network performance including support of emerging applications such as 10GBase-T, 10 Gigabit Ethernet. Each Excel Category 6_A patch leads consists of 4 twisted pairs of stranded copper wires, an aluminium/polyester foil tape provides an individual screen for each pair. These pairs are then cabled together, with different lay lengths to ensure optimum performance.



Features

- Suitable for 10 Gigabit, 10GBase-T, Ethernet application
- Screened braid outer with individual foil screen
- LS0H outer sheath



| Description | Part Number |
|---------------------------------------------------------------------------------|-------------|
| Category 6 _A Solid Core S/FTP LS0H Blade Booted Patch Lead Grey - 1m | 100-112 |
| Category 6 _A Solid Core S/FTP LS0H Blade Booted Patch Lead Grey - 2m | 100-113 |

Excel Category 6_A HD Solid Core U/FTP Leads

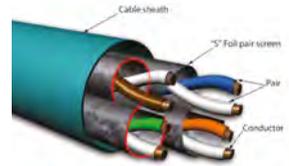


Excel Category 6_A HD Solid Core U/FTP Screened Harness/Switch Link Leads are constructed from 100-191 Excel Category 6_A U/FTP “S” Foil Screened cable (horizontal cable). Each of these leads allows the construction of two Switch/Harness Links or Consolidation Point (CP) Cables. The lead is manufactured with a high performance screened RJ-45 plug on each end permitting the lead to be cut into two at the required lengths. Slimline blade strain relief boots are fitted to protect the latch and allow connection to the highest density equipment. Using the same cable as the horizontal elements of the channel assures performance and does not “use up” the stranded patch lead allowance.

These leads are for the creation of Switch/Harness Links and CP cables. They are not for use as a replacement for patch leads.

Features

- Solid Core Cable
- For Switch/Harness Links and CP Cables
- U/FTP Screened Cable
- LS0H Cable Sheath
- Constructed from Excel 100-191 U/FTP “S” Foil Cable
- 25 Year System Warranty Available
- Cca Euroclass = Cca s1 a d1 a1
- Dca Euroclass = Dca s2 d2 a1



| Description | Part Number |
|-----------------------------------------------------------------|-------------|
| Category 6 _A HD Solid Core U/FTP Cca Lead Blue - 5m | 170-143 |
| Category 6 _A HD Solid Core U/FTP Cca Lead Blue - 10m | 170-145 |
| Category 6 _A HD Solid Core U/FTP Cca Lead Blue - 20m | 170-123 |
| Category 6 _A HD Solid Core U/FTP Dca Lead Blue - 10m | 100-145 |
| Category 6 _A HD Solid Core U/FTP Dca Lead Blue - 20m | 100-146 |
| Category 6 _A HD Solid Core U/FTP Dca Lead Blue - 30m | 100-124 |

Please check with your local Excel Sales Office or distributor for in country product availability

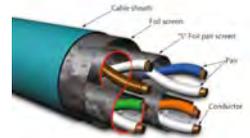
Excel Category 6_A Solid Core F/FTP Screened Harness/Switch Link Leads

Excel Category 6_A Solid Core F/FTP Screened Harness/Switch Link Leads are constructed from 100-196 Excel Category 6_A F/FTP "S" Foil Screened cable (horizontal cable). Each of these leads allows the construction of two Switch/Harness Links or Consolidation Point (CP) Cables. The lead is manufactured with a high performance screened RJ-45 plug on each end permitting the lead to be cut into two at the required lengths. Slimline blade strain relief boots are fitted to protect the latch and allow connection to the highest density equipment. Using the same cable as the horizontal elements of the channel assures performance and does not "use up" the stranded patch lead allowance.

These leads are for the creation of Switch/Harness Links and CP cables. They are not for use as a replacement for patch leads.

Features

- Solid Core Cable
- For Switch/Harness Links and CP Cables
- F/FTP Screened Cable
- LS0H Cable Sheath
- Constructed from Excel 100-196 F/FTP "S" Foil Cable
- 25 Year System Warranty Available
- Cca Euroclass = Cca s1a d1 a1
- Dca Euroclass = Dca s1a d1 a1



| Description | Part Number |
|--------------------------------------------------------------------------------------------|-------------|
| Category 6 _A Solid Core F/FTP Screened Harness/Switch Link Leads Cca LS0H - 10m | 170-130 |
| Category 6 _A Solid Core F/FTP Screened Harness/Switch Link Leads Cca LS0H - 15m | 170-131 |
| Category 6 _A Solid Core F/FTP Screened Harness/Switch Link Leads Cca LS0H - 20m | 170-132 |
| Category 6 _A Solid Core F/FTP Screened Harness/Switch Link Leads Cca LS0H - 30m | 170-133 |
| Category 6 _A Solid Core F/FTP Screened Harness/Switch Link Leads Dca LS0H - 10m | 100-130 |
| Category 6 _A Solid Core F/FTP Screened Harness/Switch Link Leads Dca LS0H - 15m | 100-131 |
| Category 6 _A Solid Core F/FTP Screened Harness/Switch Link Leads Dca LS0H - 20m | 100-132 |
| Category 6 _A Solid Core F/FTP Screened Harness/Switch Link Leads Dca LS0H - 30m | 100-133 |

Excel Category 6_A Device Protection Adapter (DPA)

The Excel Device Protection Adapter (DPA) offers users and network administrators an easy way to protect expensive and mobile IT equipment with LAN access from damage. If the mobile IT equipment is moved in a bigger radius than the connected RJ45 cable allows, the DPA disconnects the connection when a certain pull-out force is reached. This prevents damage of the expensive boards of the IT equipment such as damaged contacts or complete loss of RJ45 jacks for the network connection. Therefore, an expensive repair is a thing of the past.



Features

- Helps prevent damage

| Description | Part Number |
|---------------------------------------------------------|-------------|
| Excel Category 6 _A Device Protection Adapter | 100-925 |

Excel Unloaded Keystone Jack Modular Patch Panel



The Excel Keystone Jack 16 port or 24 port 1U empty patch panel frames allow for flexible port density from 1 through to 24 ports. The panels are compatible with Excel Category 5e, Category 6 and Category 6_A keystone jacks and come complete with a rear management bar, which can be fitted quickly without the need for tooling or fixings.

The Excel Keystone Jack patch panel frame offers flexibility either through part loading to suit the installations and manage cost, or for pre-terminated requirements, allowing terminated jacks to be snapped into place quickly and easily.



Features

- Supplied unloaded
- Available in chrome or black
- Compatible with Category 5e, 6 and 6_A Excel standard and Toolless Jacks
- Supplied with cage nuts, earth cable and rear management tray
- Load from 1 to 24 Keystone in 1U of rack space

| Description | Part Number |
|-----------------------------------------------------------------------------------|-------------|
| Unloaded 16 port Black Patch Panel Frame - Plastic Fascia | 100-025 |
| Unloaded 24 port Black Patch Panel Frame - Plastic Fascia | 100-026 |
| Unloaded 16 port Chrome Patch Panel Frame | 100-027 |
| Unloaded 24 port Chrome Patch Panel Frame | 100-028 |
| Compatible Modules | |
| Category 6 _A Screened Keystone Jack, Butterfly Style, Toolless | 100-180 |
| Category 6 _A Low Profile Screened Toolless Jack - Chrome | 100-181 |
| Category 6 _A Low Profile Unscreened Toolless Jack - White | 100-182-WT |
| Category 6 _A Low Profile Unscreened Toolless Jack - Black | 100-182-BK |
| Category 6 _A Unscreened Jack - White | 100-156 |
| Category 6 _A Unscreened Jack - Black | 100-156-BK |
| Category 6 _A FTP 180 Degree Keystone Through Coupler | 100-107 |
| Category 6 Screened Butterfly Style Toolless Keystone Jack | 100-210 |
| Category 6 Low Profile Unscreened Butterfly Style Toolless Keystone Jack - White | 100-215-WT |
| Category 6 Low Profile Unscreened Butterfly Style Toolless Keystone Jack - Black | 100-215-BK |
| Category 6 RJ45 White Unscreened Keystone Jack | 100-011 |
| Category 6 RJ45 Black Unscreened Keystone Jack | 100-011-BK |
| Category 6 FTP 180 Degree Keystone Through Coupler | 100-106 |
| Category 5e Screened Butterfly Style Toolless Keystone Jack | 100-906 |
| Category 5e Low Profile Unscreened Butterfly Style Toolless Keystone Jack - White | 100-202-WT |
| Category 5e Low Profile Unscreened Butterfly Style Toolless Keystone Jack - Black | 100-202-BK |
| Category 5e RJ45 White Unscreened Keystone Jack | 100-010 |
| Category 5e RJ45 Black Unscreened Keystone Jack | 100-010-BK |
| Keystone Blanks (24-pack) - Black | 100-187-BK |
| Keystone Blanks (24-pack) - White | 100-187-WT |



Excel Angled Keystone Jack Patch Panel Frames – Unloaded

The Angled Keystone Jack Patch Panel Frame is available to support a range of screened and unscreened jacks. It accepts the innovative Excel Angled Toolless Keystone Jack range available in Category 6 & 6_A variants to deliver solution options. The angled jack directs the cable to one side which reduces the bend on the patch cable. This, in turn, reduces the space required between the front of the patch panel and the cabinet doors. The angled nose piece of the jack achieves this while maintaining a conventional flat panel format.

The patch panel, combined with the Angled Toolless Keystone Jacks, maintains cable entry perpendicular to the rear of the panel via the integrated cable manager. This allows the cable management at the rear of the panel to be installed in a way to suit numerous methods – 24 left or 24 right or a mix of left and right. It also means part filled panels can easily be added to.

The Chrome finish patch panel comes complete with an earth bonding kit and is suitable for installation of screened and unscreened jacks.

Features

- Supplied unloaded
- Choice of colour – Black & Chrome finish
- 24 Port modular design ideal for standard and pre-terminated installations
- Uniform cable termination – added flexibility of cable entry with supplied cable manager
- Supports Unscreened & Screened – Cat 6 & Cat 6_A – Angled Keystone Toolless jacks
- Supplied with cage nuts and screw fixings
- Earth kit supplied with chrome model



| Description | Part Number |
|--------------------------------------------------------------------------------|-------------|
| Unloaded 24 Port Black Angled Keystone Frame | 100-023 |
| Unloaded 24 Port Chrome Angled Keystone Frame | 100-024 |
| Compatible Modules | |
| Category 6 _A Screened Butterfly Style Toolless Angled Jack - Chrome | 100-185 |
| Category 6 Unscreened Butterfly Style Toolless Angled Jack - Black | 100-213 |



Excel Keystone V Patch Panel Frame



The Excel 24 Port 1U Keystone V Patch Panel allows standard keystone jacks to be presented in an angled patch panel configuration. The patch panel is designed to accept all of the Excel unscreened and screened standard keystone jacks from the Category 5e, 6 & 6_A portfolios. This panel includes a rear cable manager to allow the cable to be dressed into the panel neatly and securely. The V shape of the panel presents the jacks at an angle to the front of the cabinet that reduces the strain on the jack that results from the patch lead. The patch lead is naturally routed to the cabinet/frame cable management reducing the requirement for rack mounted cable management bars. Earth bonding leads are supplied fitted to enable grounding if required.

Features

- Compatible with Excel Category 5e, 6 & 6_A Screened and Unscreened Keystone Jacks
- Supplied with earthing kit
- Ideal for standard and pre-terminated installations
- Angled "V" Shape Patch Panel
- Option to part or fully load
- Supplied with snap on rear management tray

| Description | Part Number |
|-----------------------------------------------------------------------------------|-------------|
| 24 port Keystone V Patch Panel Frame, Black | 100-040 |
| Vertical Plastic Hoops 65mm - Pack of 2 | 100-048 |
| Compatible Modules | |
| Category 6 _A Low Profile Screened Butterfly Style Toolless Jack | 100-181 |
| Category 6 _A Low Profile Unscreened Toolless Keystone Jack - White | 100-182-WT |
| Category 6 _A Low Profile Unscreened Toolless Keystone Jack - Black | 100-182-BK |
| Category 6 Screened Butterfly Style Toolless Keystone Jack | 100-210 |
| Category 6 RJ45 White Unscreened Keystone Jack | 100-011 |
| Category 6 RJ45 Black Unscreened Keystone Jack | 100-011-BK |
| Category 6 Low Profile Unscreened Butterfly Style Toolless Keystone Jack - White | 100-215-WT |
| Category 6 Low Profile Unscreened Butterfly Style Toolless Keystone Jack - Black | 100-215-BK |
| Category 5e Screened Butterfly Style Toolless Keystone Jack | 100-906 |
| Category 6 _A Unscreened Jack White | 100-156 |
| Category 6 _A Unscreened Jack Black | 100-156-BK |
| Category 5e RJ45 White Unscreened Keystone Jack | 100-010 |
| Category 5e RJ45 Black Unscreened Keystone Jack | 100-010-BK |
| Category 5e Low Profile Unscreened Butterfly Style Toolless Keystone Jack - White | 100-202-WT |
| Category 5e Low Profile Unscreened Butterfly Style Toolless Keystone Jack - Black | 100-202-BK |

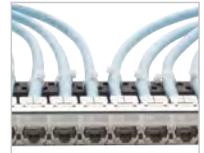
Excel Unloaded Keystone Jack Modular Patch Panel, 0.5U

The Excel 24 Port 0.5U Keystone Patch Panel delivers a high density offering with the benefit of a single row of keystone jacks. The single row of jacks means that the installation is straight forward and allows an individual jack to be removed if required. As the panel is only 0.5U in height it allows, by using two panels together, the ability to present 48 keystone jacks in 1U of rack space. Using two 0.5U panels ensures that the jacks are all aligned the correct way up. Most 48 Port 1U panels require the bottom row of jacks to be mounted upside down.

Features

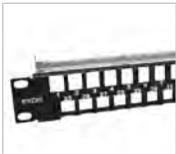
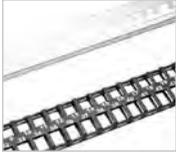
- High Density - 24 Jacks 0.5U
- Ideal for standard and pre-terminated installations
- Supplied with earthing kit
- Compatible with Excel Category 5e, 6 & 6_A Jacks
- Option to part or fully load
- Supplied with cable management bar

| Description | Part Number |
|-----------------------------------------------------------------------------------|-------------|
| 24 port Keystone Patch Panel Frame, 0.5U | 100-041 |
| Compatible Modules | |
| Category 6 _A Low Profile Screened Toolless Jack - Chrome | 100-181 |
| Category 6 _A Low Profile Unscreened Toolless Keystone Jack - White | 100-182-WT |
| Category 6 _A Low Profile Unscreened Toolless Keystone Jack - Black | 100-182-BK |
| Category 6 RJ45 White Unscreened Keystone Jack | 100-011 |
| Category 6 RJ45 Black Unscreened Keystone Jack | 100-011-BK |
| Category 6 Low Profile Unscreened Butterfly Style Toolless Keystone Jack - White | 100-215-WT |
| Category 6 Low Profile Unscreened Butterfly Style Toolless Keystone Jack - Black | 100-215-BK |
| Category 5e RJ45 White Unscreened Keystone Jack | 100-010 |
| Category 5e RJ45 Black Unscreened Keystone Jack | 100-010-BK |
| Category 5e Low Profile Unscreened Butterfly Style Toolless Keystone Jack - White | 100-202-WT |
| Category 5e Low Profile Unscreened Butterfly Style Toolless Keystone Jack - Black | 100-202-BK |



Please check with your local Excel Sales Office or distributor for in country product availability

Excel Unloaded Keystone Jack Modular Patch Panel



The Excel keystone 48 port 1U keystone patch panel delivers a high density offering with the benefit of 48 ports within 1U of rack space. The empty keystone patch panels are compatible with both screened and unscreened Excel Category 5e, Category 6 and Category 6_A keystone jacks.

A rear management tray with purposely designed cable tie positions, is supplied with each panel which is fitted without the need for any tools or fixings by simply snapping it into place.

The Excel Keystone Jack patch panel frame offers flexibility either through part loading to suit the installations and manage cost or pre-terminated requirements, allowing terminated jacks to be snapped into place quickly and easily.

Features

- High Density - 48 Jacks in 1U
- Supplied unloaded
- Available in chrome or black
- Compatible with Category 5e, 6 and 6_A Excel Keystone Jacks
- Supplied with earthing kit, cage nuts and mini cable ties
- Fast fit rear cable management



| Description | Part Number |
|-----------------------------------------------------------------------------------------------|-------------|
| Unloaded 48 port Chrome STP Patch Panel Frame | 100-042 |
| Unloaded 48 port Black UTP Patch Panel Frame | 100-050 |
| Compatible Modules | |
| Category 6 _A Low Profile Screened Butterfly Style Toolless Jack - Chrome | 100-181 |
| Category 6 _A Low Profile Unscreened Butterfly Style Toolless Keystone Jack - White | 100-182-WT |
| Category 6 _A Low Profile Unscreened Butterfly Style Toolless Keystone Jack - Black | 100-182-BK |
| Category 6 _A Low Profile Screened Shuttered Butterfly Style Toolless Jack - Chrome | 100-184-24 |
| Category 6 Low Profile Unscreened Butterfly Style Toolless Keystone Jack - White | 100-215-WT |
| Category 6 Low Profile Unscreened Butterfly Style Toolless Keystone Jack - Black | 100-215-BK |
| Category 6 _A Low Profile Screened Butterfly Style Toolless Jack - Chrome | 100-181-24 |
| Category 5e Low Profile Unscreened Butterfly Style Toolless Keystone Jack - White | 100-202-WT |
| Category 5e Low Profile Unscreened Butterfly Style Toolless Keystone Jack - Black | 100-202-BK |

Please check with your local Excel Sales Office or distributor for in country product availability

Excel 10" Keystone Patch Panel - Empty

Excel 1U 10" Keystone Patch Panel provides the mounting facility for up to 12 Excel Keystone jacks. The modular design accommodates jacks of Category 5e, 6 & 6_A and allows for part panels to be installed. This patch panel may be used in either a screened or unscreened structured cabling system and is supplied complete with a fitted earth bonding wire. Cage nuts and screws are supplied for fitting.



Features

- Accepts Excel Keystone Jacks
- Suitable for Unscreened & Screened jacks
- Supplied with earth bonding lead fitted
- Maximum 12 keystone jacks
- 1U High
- Category 5e, 6 & 6_A



| Description | Part Number |
|----------------------------------------------------------------------------------------------|-------------|
| 10" 12 Port Keystone Patch Panel Black | 100-755 |
| Compatible Keystone Jacks | |
| Category 6 _A Shuttered Low Profile Screened Keystone Jack - Toolless - Pack of 24 | 100-184-24 |
| Category 6 _A Low Profile Screened Keystone Jack - Toolless | 100-181 |
| Category 6 _A Low Profile Screened Keystone Jack - Toolless - Pack of 24 | 100-181-24 |
| Category 6 _A Screened Keystone Jack, Butterfly Style - Toolless | 100-180 |
| Category 6 Unscreened U/UTP Toolless Keystone Jack, Butterfly Style - White | 100-211 |
| Category 6 Unscreened U/UTP Toolless Keystone Jack, Butterfly Style - Black | 100-212 |
| Category 6 Screened Toolless Jack - Butterfly Style | 100-210 |
| Category 6 Unscreened (UTP) Keystone Jack - White | 100-011 |
| Category 6 Unscreened (UTP) Keystone Jack - Black | 100-011-BK |
| Category 5e Screened Butterfly Style Toolless Keystone Jack | 100-906 |
| Excel Plus Category 5e Keystone Jack, RJ45 - White | 100-010 |
| Excel Plus Category 5e Keystone Jack, RJ45 - Black | 100-010-BK |

Please check with your local Excel Sales Office or distributor for in country product availability

Excel ExpressNet Solution

Excel's ExpressNet Solution provides a simple way of presenting both copper and fibre in one panel, offering the capacity for both copper and fibre within 1U of rack space.

The ExpressNet Panel is suitable for a range of environments, such as:

- Data Centres
- Education
- Hospitals
- Offices
- Comms Rooms

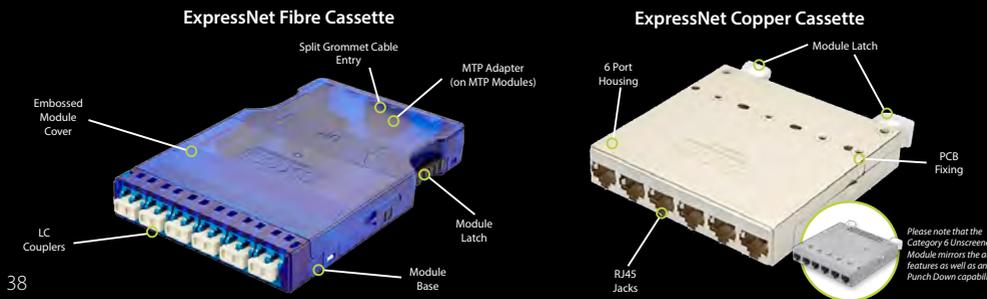


Watch our video on youtube!

Industry specialists are increasingly acknowledging the benefits of the ExpressNet Solution and it should be a serious consideration for all project types.

| | | |
|------------|--------|--|
| Height (H) | 44.4mm | |
| Width (W) | 482mm | |
| Depth (D) | 73mm | |

| Patch Panels | | Copper Modules | | Fibre Modules | | MTP Modules | |
|--------------|-----------------------------|----------------|-------------------------------------------|---------------|-------------------------------------|-------------|----------------------------------|
| 100-230 | ExpressNet Panel - 4 Module | 100-235 | 6 Port Unscreened Cat 6 Module | 201-610 | 6 port (12 fibre) OM3 LC Module MTP | 201-603 | 4 Port MTP Module Singlemode APC |
| 100-231 | ExpressNet Panel - 8 Module | 100-236 | 6 Port Screened Cat 6 Module | 201-611 | 6 Port (12 Fibre) OM4 LC Module MTP | 201-604 | 4 Port MTP Module Multimode |
| | | 100-237 | 6 Port Screened Cat 6 _A Module | 201-612 | 6 Port (12 Fibre) OS2 LC Module MTP | | |
| | | | | 201-600 | 6 Port (12 Fibre) OM3 LC Module | | |
| | | | | 201-601 | 6 Port (12 Fibre) OM4 LC Module | | |
| | | | | 201-602 | 6 Port (12 Fibre) OS2 LC Module | | |



Excel Category 6_A Unscreened Keystone Jack

The Excel Category 6_A Unscreened Keystone Jack, is a RJ45 Keystone Jack suitable for mounting in a range of housings from patch panels, faceplates and shutters to sub floor boxes, and work area distribution enclosures. The socket itself is housed in a high quality ABS plastic housing, which opens at the rear to reveal the IDC termination points. A choice of patch panel frames with either 16 or 24 port density in both black and chrome are available.

Features

- IDC point at 180° to jack
- Suitable for patch panel and faceplate mounting
- EC verified
- UL 1863 Safety Listed
- UL94V-0 fire retardant plastic
- 25 Year System Warranty Available
- Suitable for 10 Gigabit, 10GBase-T, Ethernet applications

| Description | Part Number |
|-----------------------------------------------------------|---------------|
| Category 6 _A Unscreened Jack White | 100-156-24 |
| Category 6 _A Unscreened Jack Black | 100-156-BK-24 |
| Compatible Patch Panel Frames | |
| Unloaded 16 port Black Patch Panel Frame - Plastic Fascia | 100-025 |
| Unloaded 24 port Black Patch Panel Frame - Plastic Fascia | 100-026 |
| Unloaded 24 port Keystone V Patch Panel Frame - Black | 100-040 |
| Unloaded 24 port Keystone Jack Modular Patch Panel - 0.5U | 100-041 |
| Unloaded 16 port Chrome Patch Panel Frame | 100-027 |
| Unloaded 24 port Chrome Patch Panel Frame | 100-028 |

EC verified. This product has been tested by the Delta EC Cabling Group and complies with the following standards - ISO/IEC 11801 2nd edition:2002, ISO/IEC 11801 amendment 2:2010, EN 50173:2007, ANSI/TIA-568-C.2 and IEC 60603-7-41. For copies of test certification please contact your local Excel distributor, or visit www.excel-networking.com or www.delta.dk.



**FACEPLATES
& SHUTTERS**
excel

Turn to page 90 for details

Excel Category 6_A Low Profile Screened Keystone Jack - Toolless



The Excel Category 6_A Low Profile Screened Keystone Jack, is a reduced size toolless termination RJ45 socket. The reduced size allows for multiple cable entry directions to be accommodated when this jack is mounted in a standard depth back box. This permits many mounting options including flush shutters at the outlet as well as more common angled shutter used with keystone jacks. A choice of compatible Patch Panel frames with either 16 or 24 port density in both black and chrome are available for this Low Profile Jack. The socket itself is housed in a high quality zinc die cast housing, which opens at the rear in a butterfly manner to reveal the IDC termination points. Once the pairs are arranged in the cable management cap and trimmed it is a simple case of closing the 'butterfly' together to complete the termination.



This popular jack is now available in a pack of 24, thereby removing the use of individual plastic bags, which significantly reduces the installation time as well as helping to save the environment.



Features

- High quality die cast housing
- Low profile design - just 28mm overall depth
- 360° Shielding protects against alien crosstalk
- Toolless termination design
- Supports 10 Gigabit Ethernet application
- 25 Year System Warranty Available
- 3rd Party ISO11081 2nd Edition verification
- Delta 3rd Party Verification includes POE Plus – Testing of mating and un-mating this connector with plus under electrical load
- Available in a pack of 24 removing the need for individual plastic bags
- 100-184-24 comes complete with an integrated shutter to protect against the dust



| Description | Part Number |
|----------------------------------------------------------------------------------|-------------|
| Category 6 _A Low Profile Screened Toolless Jack - Chrome | 100-181 |
| Category 6 _A Low Profile Screened Toolless Jack - Chrome - Pack of 24 | 100-181-24 |
| Category 6 _A Shuttered Low Profile Toolless Jack - Pack of 24 | 100-184-24 |
| Compatible Patch Panel Frames | |
| Unloaded 16 port Black Patch Panel Frame - Plastic Fascia | 100-025 |
| Unloaded 24 port Black Patch Panel Frame - Plastic Fascia | 100-026 |
| Unloaded 16 port Chrome Patch Panel Frame | 100-027 |
| Unloaded 24 port Chrome Patch Panel Frame | 100-028 |
| Unloaded 24 port Keystone V Patch Panel Frame - Black | 100-040 |
| Unloaded 24 port Keystone Jack Modular Patch Panel - 0.5U | 100-041 |



EC verified. This product has been tested by the Delta EC Cabling Group and complies with the following standards - ISO/IEC 11801 2nd edition:2002, FDAM ISO/IEC 11801 amendment 2:2009, EN 50173:2007, ANSI/TIA-568-C.2, Cat. 6_A and Draft IEC 60603-7-51 (screened). For copies of test certification please contact your local Excel distributor, or visit www.excel-networking.com or www.delta.dk.

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Excel Category 6_A Screened Keystone Jack - Toolless

The Excel Category 6_A Screened Keystone Jack, is a toolless termination RJ45 socket suitable for mounting in range of housings from patch panels, faceplates and shutters to sub floor boxes, and work area distribution enclosures. The socket itself is housed in a high quality zinc die cast housing, which opens at the rear in a butterfly manner to reveal the IDC termination points. Once the conductors of the cable to be terminated are fed into a management cap the process is completed by snapping the 'butterfly wings' together with minimal, but firm pressure. A choice of Patch Panel frames with either 16 or 24 port density in both black and chrome are available.

This popular jack is now available in a pack of 24, thereby removing the use of individual plastic bags, which significantly reduces the installation time as well as helping to save the environment.



Features

- High quality die cast housing
- Toolless termination design
- Suitable for patch panel and faceplate mounting
- Suitable for 10 Gigabit Ethernet application
- Suitable for installation in 37mm deep back box with bevelled faceplate
- 25 Year System Warranty Available
- 360° Shielding protects against alien crosstalk
- Delta 3rd party verification includes PoE Plus - Testing of mating and un-mating this connector with plus under electrical load
- Available in a pack of 24 removing the need for individual plastic bags



| Description | Part Number |
|----------------------------------------------------------------------------------------|-------------|
| Category 6 _A Screened Keystone Jack, Butterfly Style, Toolless | 100-180 |
| Category 6 _A Screened Keystone Jack, Butterfly Style, Toolless - Pack of 24 | 100-180-24 |
| Compatible Panels | |
| Unloaded 16 Port Black Patch Panel Frame - Plastic Fascia | 100-025 |
| Unloaded 24 Port Black Patch Panel Frame - Plastic Fascia | 100-026 |
| Unloaded 16 Port Chrome Patch Panel Frame | 100-027 |
| Unloaded 24 Port Chrome Patch Panel Frame | 100-028 |

Excel Category 6_A Low Profile Unscreened Keystone Jack - Toolless



The Excel Category 6_A Low Profile Unscreened Keystone Jack, is a reduced size toolless termination RJ45 socket. The reduced size allows for multiple cable entry directions to be accommodated when this jack is mounted in a standard depth back box. This permits many mounting options including flush shutters at the outlet as well as more common angled shutter used with keystone jacks. A choice of compatible Patch Panel frames with either 16 or 24 port density in both black and chrome are available for this Low Profile Jack. The socket is manufactured from high quality polymer with a die cast metallic "butterfly" style rear closing. Once the pairs are arranged in the cable management cap and trimmed it is a simple case of closing the 'butterfly' together to complete the termination.

Features

- 25 Year System Warranty Available
- Low Profile - 28mm overall depth
- Supports 10 Gigabit Ethernet
- Toolless termination design
- 3rd Party ISO11081 2nd Edition verification



| Description | Part Number |
|-------------------------------------------------------------------------------|-------------|
| Category 6 _A Low Profile Unscreened Toolless Keystone Jack - White | 100-182-WT |
| Category 6 _A Low Profile Unscreened Toolless Keystone Jack - Black | 100-182-BK |
| Compatible Panels | |
| Unloaded 16 Port Black Patch Panel Frame - Plastic Fascia | 100-025 |
| Unloaded 24 Port Black Patch Panel Frame - Plastic Fascia | 100-026 |
| Unloaded 16 Port Chrome Patch Panel Frame | 100-027 |
| Unloaded 24 Port Chrome Patch Panel Frame | 100-028 |

EC verified. This product has been tested by DELTA EC Cabling Group and complies with the electrical requirements of the above specified standards and "Terms and conditions for the EC VERIFIED programme for Generic and Coaxial Cabling", DQP231006. The testing included measurement of NEXT with a compliant test plug and calculation of all the 14 test cases in both measurement directions. For copies of test certification please contact your local Excel distributor, or visit www.excel-networking.com or www.delta.dk.

Excel Category 6_A Screened Angled Keystone Jack – Toolless

The Excel Category 6_A screened angled Keystone Jack, is a toolless termination RJ45 socket suitable for mounting in patch panels. The angled design of the socket face makes this product ideal for high density frames. Traditional horizontal patch cable management bars can be removed or reduced in number as the leads follow a natural route to the left or right of the panel and the cabinets vertical management. To the rear of the socket the design is exactly the same as the excel keystone range, enabling standard termination and cable dressing practices to be followed. The socket itself is housed in a high quality zinc die cast housing, which opens a the rear in a butterfly manner to reveal the IDC termination points. Once the conductors of the cable to be terminated are fed into a management cap the process is completed by snapping the ‘butterfly wings’ together with minimal, but firm pressure. Patch Panel frames with 24 port density in both black and chrome are available.

This popular jack is now available in a pack of 24, thereby removing the use of individual plastic bags, which significantly reduces the installation time as well as helping to save the environment.



Features

- High quality die cast housing
- Toolless termination design
- Suitable for patch panel mounting
- Suitable for 10 Gigabit Ethernet application
- Ideal for high density cabling installations
- 25 Year System Warranty Available
- 360° Shielding protects against alien crosstalk
- Angled design assists patch cable management
- Delta 3rd Party Verification includes PoE Plus - Testing of mating and un-mating this connector with plus under electrical load
- Available in a pack of 24 removing the need for individual plastic bags

| Description | Part Number |
|---------------------------------------------------------------------------------------------|-------------|
| Category 6 _A Screened Butterfly Style Toolless Angled Jack - Chrome | 100-185 |
| Category 6 _A Screened Butterfly Style Toolless Angled Jack - Chrome - Pack of 24 | 100-185-24 |
| Compatible Patch Panel Frames | |
| Unloaded 24 Port Chrome Angled Keystone Frame | 100-024 |
| Unloaded 24 Port Black Angled Keystone Frame | 100-023 |

EC verified. This product has been tested by the Delta EC Cabling Group and complies with the following standards - ISO/IEC 11801 2nd edition:2002, ISO/IEC 11801 amendment 2:2010, EN 50173:2007, ANSI/TIA-568-C.2 and IEC 60603-7-51 (screened). For copies of test certification please contact your local Excel distributor, or visit www.excel-networking.com or www.delta.dk.

Excel Category 6_A (FTP) Field Termination RJ45 Plug



The Excel Screened Field Termination RJ45 Plug offers easy, toolless termination and complies fully with ISO/IEC 11801, Category 6_A and ANSI/TIA-568-C.2 standards. It offers a fully shielded die-cast zinc alloy, nickel plated body and gold plated phosphor bronze contact pins. Suitable for cable diameters between 6 and 8mm, strain relief is provided by the compression nut on the back of the connector. IDC termination accepts wire gauges from 23 to 26AWG.

Features

- Fully screened Category 6_A
- Die-cast zinc alloy construction
- Toolless - easy termination
- Supports 10 Gigabit Ethernet
- Independently verified
- Can be re-terminated numerous times



| Description | Part Number |
|----------------------------------------------------------------------------------------|-------------|
| Excel Category 6 _A FTP Field Termination RJ45 Plug | 100-140 |
| Excel Category 6 _A FTP Field Termination RJ45 Plug - Pack of 6 | 100-140-06 |
| Excel Category 6 _A FTP Field Termination RJ45 Plug - Pack of 20 | 100-140-20 |
| Excel Category 6 _A Screened Angled Field Installation RJ45 Plug - Pack of 6 | 100-144-06 |

Excel Category 6_A (FTP) Keystone Through Coupler



The Excel Category 6_A 'Through Coupler' provides RJ45 in/out connections, allowing channels to be extended where required. With its standard keystone Jack profile they fit all Keystone panels and outlets.

Features

- Standard Keystone fitting
- Category 6_A FTP
- 180 degree configuration
- Standard RJ45 connection both ends
- Suitable for both screened and unscreened systems
- Maintains channel performance

| Description | Part Number |
|-----------------------------------------------------------------------|-------------|
| Excel Category 6 _A FTP 180 Degree Keystone Through Coupler | 100-107 |

Excel Category 6_A FTP IDC Junction Box

IDC junction box suitable for Category 6_A cable joints, repairs and extensions. Fully screened. Includes IDC connection for the drain wire. Housing is metal plated to provide further screening. Ideal for use where repairs or extensions are required.

Features

- Suitable for Category 6_A
- Suitable for screened and unshielded cables
- Can be used as through coupler
- Drain wire IDC connection
- Metal plated



| Description | Part Number |
|----------------------------------------------------|-------------|
| Excel Category 6 _A FTP IDC Junction Box | 100-111 |

Excel Category 6 Unscreened Twisted Pair (U/UTP) Cable - LS0H



Excel Category 6 U/UTP cable is designed for optimal support of High-Speed data protocols delivering 1 Gbps performance to the workstation. Designed to be quick and easy to install the cable requires no specialist installation tools and is supplied in reelex packaging for fast, snag free installation. To reduce wastage the cable sheath is numbered from 305 metre to 1 metre, allowing quick and easy calculation of the cable remaining in the box. The inclusion of a polyethylene cross filler ensures optimum cross talk performance.



Features

- 305 to 0 metre marking helps to reduce waste
- 305 metre reelex packaging or 500m drum
- 23AWG conductor
- LS0H outer sheath
- 6.2mm outside diameter
- EC Verified
- 25 Year System Warranty Available
- B2ca Euroclass = B2ca s1a da a1
- Dca Euroclass = Dca s2 d2 a1

| Description | Part Number |
|------------------------------------------------------|---------------|
| Category 6 U/UTP 23AWG B2ca LS0H Cable Violet – 305m | 190-071 |
| Category 6 U/UTP 24AWG B2ca LS0H Cable Violet – 305m | 190-071-305M |
| Category 6 U/UTP 23AWG B2ca LS0H Cable Violet – 500m | 190-071-500 |
| Category 6 U/UTP B2ca LS0H Cable White – 305m | 190-074 |
| Category 6 U/UTP B2ca LS0H Cable White – 100m | 190-074-100 |
| Category 6 U/UTP B2ca LS0H Cable Orange – 305m | 190-075 |
| Category 6 U/UTP Dca LS0H Cable Violet – 305m | 100-071 |
| Category 6 U/UTP Dca LS0H Cable Violet - 500m drum | 100-071-500M |
| Category 6 U/UTP Dca LS0H Cable Violet - 1000m reel | 100-071-1000M |
| Category 6 U/UTP Dca LS0H Cable Green – 305m | 100-072 |
| Category 6 U/UTP Dca LS0H Cable White – 305m | 100-074 |
| Category 6 U/UTP Dca LS0H Cable White – 1000m reel | 100-074-1000M |
| Category 6 U/UTP Dca LS0H Cable Orange – 305m | 100-075 |

Excel Category 6 Unscreened U/UTP 24AWG Cable

Excel Category 6 U/UTP cables are manufactured and tested to the TIA/EIA 568-B.2-1, EN50173-1 and ISO/IEC 11801 Category 6 specifications. Each cable consists of 8 colour coded 24AWG polyethylene insulated conductors. These are twisted together to form 4 pairs with varying lay lengths. These pairs are then formed around a central 'X' shaped polyethylene filler. This filler assists in maintaining and enhancing the cables performance. The printing detail along the outer sheath includes the cable part code, specification detail and our 305 to 0 metre marking system. As the cable is dispensed from the box the sequential marking counts down from 305 to 0 metres, as well as reducing waste and accounting easily for cables installed, this innovative print legend finally removes the guesswork from assessing the amount of cable remaining in partly used boxes.



Features

- TIA-568-C.2-2009
- EN50173-1
- ISO/IEC 11801 EC Verified Category 6 compliant
- Choice of PVC or LS0H Outer Sheath
- Central X Filler
- 6.0mm (100-069) and 5.4mm (100-080) Overall Outside Diameter
- 24AWG conductor
- Fast Feed Reelex Packaging
- 25 Year System Warranty Available



| Description | Part Number |
|-----------------------------------------------------------|-------------|
| Category 6 Unscreened U/UTP 24AWG Dca LS0H Cable - Violet | 100-080 |
| Category 6 Unscreened U/UTP 24AWG Dca LS0H Cable - White | 100-080-WT |

Excel Dual Category 6 Unscreened Twisted Pair (U/UTP) Cable

Excel Category 6 U/UTP cable is designed for optimal support of High-Speed data protocols delivering 1 Gbps performance to the workstation. Designed to be quick and easy to install the cable requires no specialist installation tools and is supplied in reelex packaging for fast, snag free installation. To reduce wastage each cable is numbered from 500 metre to 1 metre, allowing quick and easy calculation of the cable remaining in the box. The inclusion of a polyethylene cross filler ensures optimum cross talk performance.



Features

- 500 to 0 metre marking helps to reduce waste
- 500 metre reelex packaging
- 23AWG conductor
- 25 Year System Warranty Available
- Dca Euroclass = Dca s2 d2 a1

| Description | Part Number |
|---------------------------------------------|-------------|
| Dual Category 6 Dca LS0H Cable White - 500m | 100-103 |

Excel Category 6 Unscreened Twisted Pair (U/UTP) - External Grade (PE)



Excel Category 6 U/UTP cable is designed for optimal support of high-speed data protocols delivery 1Gbps performance to the workstation. The cable comes with a black polyethylene outer sheath, for outdoor use.

Designed to be quick and easy to install the cable requires no specialist installation tools and is supplied in reelex packaging for fast, snag free installation. To reduce wastage the cable sheath is numbered from 305 metre to 1 metre, allowing quick and easy calculation of the cable remaining in the box.

Features

- 305 to 0 metre marking helps reduce waste
- 25 Year System Warranty Available
- 305 metre reelex packaging

| Description | Part Number |
|-------------------------------------------|-------------|
| Category 6 External Grade Fca Cable Black | 100-100 |

Excel Category 6 Screened Twisted Pair (F/UTP) Cable



Excel Category 6 F/UTP cable is designed to provide high bandwidth for LAN and Data Centre applications. Made with a flexible Low Smoke Zero Halogen sheath, the Excel Category 6 F/UTP has a 100% aluminium foil shield to minimise interference and reduce background noise.

Features

- Enhanced performance
- 25 Year System Warranty Available
- Performance matched to Excel Category 6 connecting hardware
- B2ca Euroclass = B2ca s1a d1 a1
- Dca Euroclass = Dca s2 d2 a2

| Description | Part Number |
|-----------------------------------------------|------------------|
| Category 6 B2ca LS0H Cable Violet - 305m | 190-076 |
| Category 6 B2ca LS0H Cable Light Green - 305m | 190-076-305M-GN |
| Category 6 B2ca LS0H Cable Light Green - 500m | 190-076/LTGN-500 |
| Category 6 Dca LS0H Cable Violet - 305m | 100-076 |
| Category 6 Dca LS0H Cable Light Green - 305m | 100-076-305M-GN |
| Category 6 Dca LS0H Cable Light Green - 500m | 100-076/LTGN-500 |



Please check with your local Excel Sales Office or distributor for in country product availability

Excel Dual Category 6 Screened Twisted Pair (F/UTP) Cable

Excel Category 6 F/UTP cable is designed to provide high bandwidth for LAN and Data Centre applications. Made with a flexible Low Smoke Zero Halogen sheath, the Excel Category 6 F/UTP has a 100% aluminium foil shield to minimise interference and reduce background noise.

Two of these 4 pair units are then extruded together to form a dual 'figure of 8' finished cable. A small web of LSOH compound joins the two 4 pair units together and provides a quick and easy method of separating the cables for termination.



Features

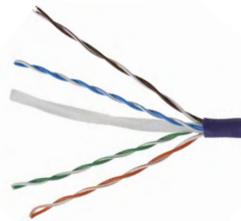
- Category 6 compliant
- 23AWG conductor
- LSOH outer sheath
- Overall foil tape screen
- Central 'X' filler
- '500-0' metre marked
- 2 x 4 pair dual construction
- 25 Year System Warranty Available
- Dca Euroclass = Dca s2 d2 a2



| Description | Part Number |
|------------------------------------------------|--------------|
| Dual Category 6 Cable Dca LSOH, 500 metre drum | 100-077/LTGN |

Excel Category 6 Residential (U/UTP) Cable

| Description | Part Number |
|---------------------------------------------------------------------|-------------|
| Category 6 Residential Cable U/UTP 25AWG Dca LSOH 305m Box - Violet | 100-609 |
| Category 6 Residential Cable U/UTP 25AWG Dca LSOH 305m Box - White | 100-609-WT |



Maximum installation length is up to 60m permanent link

Excel Category 6 Unscreened Twisted Pair (U/UTP) – Patch Leads Booted – LS0H

Excel Category 6 stranded conductor 4 pair U/UTP booted blade style 'slimline' patch leads are manufactured from enhanced performance patch cable and RJ45 connectors. Available in a choice of colours.



| Length (M) | Grey | Red | Blue | Black |
|------------|------------|---------------|---------------|---------------|
| 0.3 | 100-403-10 | 100-403-RD-10 | 100-403-BU-10 | 100-403-BK-10 |
| 0.5 | 100-395-10 | - | - | - |
| 0.75 | 100-537-10 | 100-695-10 | 100-689-10 | - |
| 1 | 100-310 | 100-315 | 100-325 | 100-350 |
| 1.5 | 100-550 | 100-551 | 100-552 | 100-553 |
| 2 | 100-311 | 100-316 | 100-326 | 100-360 |
| 3 | 100-312 | 100-317 | 100-327 | 100-371 |
| 4 | 100-357 | 100-358 | 100-364 | - |
| 5 | 100-314 | 100-319 | 100-329 | 100-373 |
| 6 | 100-318 | 100-323 | 100-334 | - |
| 7 | 100-414 | 100-422 | - | 100-400 |
| 8 | 100-352 | - | 100-355 | - |
| 10 | 100-335 | 100-338 | 100-344 | 100-401 |
| 15 | 100-336 | 100-339 | 100-345 | - |
| 20 | 100-337 | 100-340 | 100-346 | - |



| Length (M) | Green | Yellow | White | Violet |
|------------|---------------|---------------|---------------|---------------|
| 0.3 | 100-403-GN-10 | 100-403-YW-10 | 100-403-WT-10 | 100-403-VT-10 |
| 0.5 | - | - | 100-415-10 | - |
| 0.75 | 100-692-10 | 100-698-10 | | |
| 1 | 100-320 | 100-330 | 100-416 | 100-387 |
| 1.5 | 100-554 | 100-555 | 100-556 | 100-557 |
| 2 | 100-321 | 100-331 | 100-417 | 100-388 |
| 3 | 100-322 | 100-332 | 100-418 | 100-389 |
| 4 | 100-359 | 100-365 | - | - |
| 5 | 100-324 | 100-333 | 100-419 | 100-392 |
| 6 | 100-328 | 100-351 | - | - |
| 7 | 100-424 | 100-425 | 100-420 | - |
| 8 | 100-354 | 100-356 | - | - |
| 10 | 100-341 | 100-347 | 100-421 | 100-390 |
| 15 | 100-342 | 100-348 | - | 100-393 |
| 20 | 100-343 | 100-349 | - | 100-391 |



Features

- LSOH outer sheath
- Performance matched to Excel Category 6 connecting hardware
- Choice of colours
- Blade style 'slimline' moulded strain relief boot with clip protector
- 25 Year System Warranty Available

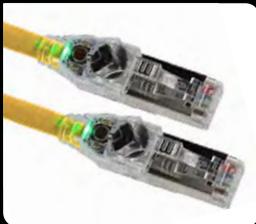


| Length (M) | Orange | Pink |
|------------|---------------|---------------|
| 0.3 | 100-403-OR-10 | 100-403-PK-10 |
| 0.5 | - | - |
| 1 | 100-426 | 100-559 |
| 1.5 | 100-558 | - |
| 2 | 100-427 | 100-560 |
| 3 | 100-428 | 100-561 |
| 4 | - | - |
| 5 | 100-429 | 100-562 |
| 6 | 100-404 | - |
| 7 | 100-402 | - |
| 8 | 100-499 | - |
| 10 | 100-412 | 100-563 |
| 15 | 100-431 | - |
| 20 | 100-413 | - |



ETL - This product range has been tested by ETL and found to comply with ANSI/TIA-568-B.2-1 Category 6, June 2002. For copies of test certification please contact your local Excel distributor, or visit www.excel-networking.com.

CATEGORY 6, AND CATEGORY 6 TRACEABLE PATCH LEADS ARE ALSO AVAILABLE
SPEAK TO OUR SALES TEAM FOR MORE INFORMATION.



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Excel Category 6 Unscreened Twisted Pair (U/UTP) – Solid Patch Leads Booted – LS0H



Excel Category 6 solid conductor 4 pair U/UTP booted patch leads are manufactured for use as harness or equipment link cables. Solid cables provide better performance over the longer lengths that this type of application often requires, whilst solid conductors are easier and more suited to IDC termination at the distribution end of the equipment link.

Available in two lengths, the items can be cut in to shorter single ended cables as required.

Features

- Manufactured from Excel independently verified part no. 190-071 or 100-071
- Ideal for equipment and harness links
- LS0H outer sheath
- Blade style ‘slimline’ moulded strain relief boot with clip protector
- 25 Year System Warranty Available
- B2ca Euroclass = B2ca s1a d1 a1
- Dca Euroclass = Dca s2 d2 a1

| Description | Part Number |
|----------------------------------------------------|-------------|
| Category 6 Solid 10m Patch Lead B2ca LS0H - Violet | 190-367 |
| Category 6 Solid 15m Patch Lead B2ca LS0H - Violet | 190-368 |
| Category 6 Solid 20m Patch Lead B2ca LS0H - Violet | 190-369 |
| Category 6 Solid 30m Patch Lead B2ca LS0H - Violet | 190-370 |
| Category 6 Solid 10m Patch Lead Dca LS0H - Violet | 100-367 |
| Category 6 Solid 15m Patch Lead Dca LS0H - Violet | 100-368 |
| Category 6 Solid 20m Patch Lead Dca LS0H - Violet | 100-369 |
| Category 6 Solid 30m Patch Lead Dca LS0H - Violet | 100-370 |

Excel Category 6 Lockable U/UTP LS0H – Patch Leads Booted

Excel Category 6 U/UTP Lockable patch leads are manufactured and tested to ISO 11801, EN 50173 & TIA/EIA 568 requirements for patch cord assemblies and provide optimum performance levels for structured cabling installations. Excel Category 6 U/UTP Lockable patch leads provide added security, preventing unwanted disconnection on secure or sensitive circuits. Disconnection can only be achieved by using the key which is supplied separately to the Patch Leads.



Features

- Secure - Prevents Unwanted Disconnection
- Keys Sold Separately
- Category 6 Compliant
- Backward Compatible
- Independently verified
- T568B wiring
- LS0H outer sheath
- Individually bagged
- 25 Year System Warranty Available



| Description | Part Number |
|--------------------------------------------------------------------|-------------|
| Excel Category 6 U/UTP LS0H 0.5m Lockable Booted Patch Lead – Grey | 101-100-10 |
| Excel Category 6 U/UTP LS0H 1m Lockable Booted Patch Lead – Grey | 101-102 |
| Excel Category 6 U/UTP LS0H 2m Lockable Booted Patch Lead – Grey | 101-104 |
| Excel Category 6 U/UTP LS0H 3m Lockable Booted Patch Lead – Grey | 101-106 |
| Excel Category 6 U/UTP LS0H 5m Lockable Booted Patch Lead – Grey | 101-108 |
| Excel key for lockable Patch Leads (Pair) | 101-LCKEY |

Excel Category 6 U/UTP Mini Patch Leads - LS0H



Excel Category 6 U/UTP mini patch leads are manufactured from 28AWG stranded conductors and tested to ISO & EN requirements for patch cord assemblies. Using these Excel patch cords will ensure the installed cabling system is compliant with the TIA/EIA, ISO & EN channel specification requirements and will provide optimum performance levels of your Excel Category 6 cabling.

A choice of lengths and colours are available, colour coded slimline moulded boots are standard and each cable is supplied individually bagged. Each cable has a low smoke zero halogen outer sheath as standard and the small 3.8mm outside diameter makes them ideal for the data centre and high density environments.

Features

- Suitable for High Density Switches and Panels
- 3.8mm outside diameter
- Blade style 'slimline' moulded strain relief boot with clip protector
- LS0H Outer Sheath
- 25 Year System Warranty Available



| Length (M) | Grey | White | Blue | Yellow |
|------------|------------|---------|---------|---------|
| 0.3 | 100-536-10 | - | - | - |
| 0.5 | 100-504 | 100-513 | 100-518 | 100-527 |
| 1 | 100-505 | 100-514 | 100-523 | 100-528 |
| 2 | 100-506 | 100-515 | 100-524 | 100-533 |
| 3 | 100-507 | 100-516 | 100-525 | 100-534 |
| 5 | 100-508 | 100-517 | 100-526 | 100-535 |

Excel Category 6 Screened Twisted Pair (F/UTP) – Patch Leads Booted

Excel Category 6 Stranded Conductor 4 Pair F/UTP booted patch leads are manufactured from enhanced performance patch cable and RJ45 connectors. Both the outer sheath and boots are LS0H as standard.



Features

- LS0H outer sheath
- Performance matched to Excel Category 6 connecting hardware
- Available in a choice of colours
- Individually bagged
- Blade style 'slimline' moulded strain relief boot with clip protector
- 25 Year System Warranty Available



| Length (M) | Grey | Red | Green | Blue | Yellow |
|------------|---------|---------|---------|---------|---------|
| 0.5 | 100-456 | - | - | - | - |
| 1 | 100-435 | 100-438 | 100-441 | 100-444 | 100-447 |
| 2 | 100-457 | - | - | - | - |
| 3 | 100-436 | 100-439 | 100-442 | 100-445 | 100-448 |
| 5 | 100-437 | 100-440 | 100-443 | 100-446 | 100-449 |
| 7 | 100-458 | - | - | - | - |
| 10 | 100-459 | - | - | - | - |

NB. Coloured patch leads are subject to lead times. Please contact the Sales Office for further details.

**FULL RANGE OF PATCH LEADS,
INCLUDING CATEGORY 5E,
AVAILABLE TO VIEW ONLINE.**

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Excel Category 6 Unscreened RJ45 Patch Panels



This range of panels have been designed to meet or exceed the latest ISO and TIA requirements for category 6 compliance. When installed with Excel Category 6 cables and outlets full link and channel compliance can also be achieved.

Product design is based around the established Category 5e range and provide quick and easy termination using LSA compatible tooling. Ample cable tie positions are provided per block of 8 outlets, to ensure a neat method for cable management.

Features

- Choice of port density
- 25 Year System Warranty Available
- Cage nuts and 1-96 label kit included
- Integral rear cable management



| Description | Part Number |
|-----------------------------------------|-------------|
| Category 6 24 Port 1U Black Patch Panel | 100-304 |
| Category 6 48 Port 2U Black Patch Panel | 100-306 |

Excel Category 6 Unscreened RJ45 Right Angle Patch Panel



Available in 24 or 48 port options the Excel right angled patch panel represents a cost effective category 6 solution with integral rear cable management. Both occupy 1U position and present LSA compatible termination IDCs that are horizontal to the panel facia to allow quick and easy cable installation. The 48 port version uses a double deck design to facilitate two sets of 24 ports to be installed.

Features

- 25 Year System Warranty Available
- Cage nuts and 1-96 self adhesive label kit included
- Integral rear cable management



| Description | Part Number |
|-----------------------------------------------------|-------------|
| Category 6 24 Port 1U Right Angle Black Patch Panel | 100-302 |
| Category 6 48 Port 1U Right Angle Black Patch Panel | 100-394 |



Excel Plus – Category 6 Unscreened RJ45 Patch Panels

The Excel Plus high density patch panel combines the proven quality and performance of the existing range with enhanced aesthetics and labelling system. Each panel consists of a number of 8 way blocks of RJ45 sockets, housed in a high quality plastic moulding. To the front of the panel this moulding contains the new easy to use slide label system. Each block of 8 sockets has its own label which can be removed from either side of the covered label field. The label strip itself is protected by a clear, tough plastic insert.



Features

- Enhanced slide label system
- Cage nuts and 1-96 label kit included
- 25 Year System Warranty Available



| Description | Part Number |
|-----------------------------------------|-------------|
| Category 6 24 Port 1U Black Patch Panel | 100-372 |
| Category 6 48 Port 2U Black Patch Panel | 100-380 |

Excel Plus – Category 6 Unscreened RJ45 Modular Patch Panel



The Excel Plus Category 6 modular patch panel is designed around 4 high quality housings each containing 6 x RJ45 outlets, which are snapped in to the 19" frame without the need for tooling of any type. Available either pre-loaded for standard installations which may require the built in modularity for future use or as an unloaded frame and compatible 6 way block. Purchasing in this way allows maximum design flexibility especially for pre-terminated solutions and smaller installs such as retail where a fully loaded 24 port panel may not be necessary.

Features

- Category 6 Compliant
- Totally modular toolless design
- Snap on toolless rear cable management included as standard
- Option to buy unloaded frame and module for increased flexibility
- 25 Year System Warranty Available

| Description | Part Number |
|----------------------------------------|-------------|
| 4 Way Black Modular Patch Panel Frame | 100-016 |
| 6 Way Modular Block for use in 100-016 | 100-017 |

Excel Category 6 Screened RJ45 Patch Panel



The Excel Category 6 Screened has been designed to meet or exceed the latest ISO and TIA requirements for category 6 compliance. When installed with Excel Category 6 Screened cables and outlets full link and channel compliance can also be achieved.

Features

- Supplied with fixing kit, earth kit and 1-96 self adhesive labelling
- Category 6 compliant
- Built in rear cable management
- Right angled panel
- Suitable for LSA compatible tooling.
- 25 Year System Warranty Available



| Description | Part Number |
|-----------------------------------------|-------------|
| Category 6 24 Port 1U Black Patch Panel | 100-013 |

Excel Category 6 Unscreened RJ45 Module

This range of outlets have been designed to meet or exceed the latest ISO and TIA requirements for category 6 compliance. When installed with Excel Category 6 cables and patch panels full link and channel compliance can also be achieved. These outlets also provide backward compatibility with the Category 5 and 5e systems. Product design is based around the established Category 5e module and provide quick and easy termination using LSA compatible tooling. Port identification can be completed by use of either the integral slide label or simple application of an adhesive icon.

Features

- Built in slide label system
- Fits 27mm back box when used with bevelled faceplate
- Cut out dimensions 44.96 x 25.00mm
- 25 Year System Warranty Available

| Description | Part Number |
|------------------------------|-------------|
| Category 6 RJ45 White Module | 100-300 |
| Category 6 RJ45 Black Module | 100-298 |



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Excel Category 6 Unscreened RJ45 Module – Low Profile



This range of outlets has been designed to meet or exceed the latest ISO and TIA requirements for category six compliance. When installed with excel category 6 cables and patch panels full link and channel compliance can also be achieved. These outlets also provide backward compatibility with category 5 and 5e systems. Product design is based around the established category 5e modules and provides quick and easy termination using LSA compatible tooling. Port identification can be completed by use of the integral slide label or simple application of an adhesive icon.



Features

- Category 6 compliant
- Overall dimensions 50 x 25mm
- Fits 27mm back box when used with bevelled faceplate
- Overall depth 21mm
- Built in slide label system
- Choice of colours
- 25 Year System Warranty Available

| Description | Part Number |
|------------------------------------------|-------------|
| Category 6 RJ45 White Low Profile Module | 100-366 |
| Category 6 RJ45 Black Low Profile Module | 100-366-BK |

Excel Category 6 Unscreened RJ45 Plastic Faceplates – Loaded



Excel Pre Loaded Single Gang Faceplates consist of either one or two of part numbers 100-300 and Excel bevelled faceplate, with blanks where appropriate. Supplied in a sealed bag these plates save time and money by reducing on site installation and assembly time.

Features

- Category 6 Compliant
- Fits 27mm back box when used with bevelled faceplate
- Built in slide label system
- 25 Year System Warranty Available

| Description | Part Number |
|----------------------------------------------------------------|-------------|
| Category 6 1 x RJ45 White Module c/w Bevelled Plate and Blanks | 100-434 |
| Category 6 2 x RJ45 White Modules c/w Bevelled Plate | 100-433 |



Excel Office Category 6 Unscreened RJ45 Module - Low Profile

The Office Excel Category 6 Unscreened RJ45 low profile module has been designed to be used in conjunction with the Office Hardware Mounting Range. The outlet exceeds the latest ISO and TIA requirements for category 6 compliance and when installed with excel category 6 cables and patch panels a full link and channel compliance can also be achieved. These outlets also provide backward compatibility with category 5 and 5e systems. The product provides quick and easy termination using LSA compatible tooling. Port identification can be completed by use of the front slide label or simple application of an adhesive icon.

Features

- Category 6 compliant
- Colour matches the Office Mounting Hardware Range
- Overall dimensions 50 x 25mm
- Fits 27mm back box when used with bevelled faceplate
- Overall depth 21mm
- Built in slide label system
- 25 Year System Warranty Available



| Description | Part Number |
|---------------------------------------------------------|-------------|
| Excel Office Category 6 Unscreened Module – Low Profile | 100-276 |

Excel Category 6 Unscreened RJ45 Module - 6c Low Profile

Excel Category 6, low profile 6c unscreened modules are manufactured and tested to the TIA/EIA 568-B.2-1, EN50173-1 and ISO/IEC 11801.2 Category 6 specifications. Each shuttered module is supplied with a slide label field for use of self adhesive or further labelling if required. Termination can be made using LSA compatible tooling. The Excel 6c Low Profile module has been specifically designed to fit the cutouts in metal floor box plates. They are therefore not recommended for use with the 6c faceplates and do not have an exact colour match.

These outlets also provide backward compatibility with the Category 5 and 5e systems.

Features

- Category 6 compliant
- 25 Year System Warranty Available
- Power Sum Compliant
- Low Profile Design - Overall Depth 19.65mm
- Ideal for Floor Box
- LSA Style Termination Blocks
- Overall dimensions 37 x 22mm



| Description | Part Number |
|------------------------------------------|-------------|
| Category 6, 6c White Module, Low Profile | 100-297 |

Excel Category 6 Unscreened RJ45 Module – 6c



Excel Category 6 6c modules are ideal for floor box installations. The compact two piece design allows for a fast and easy installation and results in a low profile finish.

Features

- Overall dimensions 37 x 22mm
- Choice of colours
- Built in slide label system
- 25 Year System Warranty Available

| Description | Part Number |
|---------------------------------|-------------|
| Category 6 RJ45 White 6c Module | 100-301 |

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Excel Category 6 Unscreened RJ45 Module – 3 in 1



The Excel 3 in 1 module offers the ultimate in flexibility, space utilisation and ease of installation. The totally modular design allows the mounting of up to 3 shuttered RJ45 ports in a standard flat or bevelled single gang faceplate, or up to 6 in a double gang fascia.

The unique design means that you only load shuttered outlets as required, any capacity within the plate which is required for a later date is simply blanked off, providing a neat and easy to use completed installation. Individual port labelling is also quick and easy with standard Excel outlet slide in fields incorporated into the design.

Features

- High density design
- Individual snap in modules
- Fit standard Excel faceplates
- LSA compatible IDC
- Individual port slide labelling system
- Module dimensions 16.65 x 50.00mm
- 25 Year System Warranty Available

| Description | Part Number |
|------------------------------------------------------------|-------------|
| Category 6 Single Shuttered Module | 100-430 |
| Full Width Blank (equal to width of module) | 100-407 |
| 3 in 1 Assembly, 3 modules in a single gang bevelled plate | 100-432 |

**HIGH
DENSITY**
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More outlets
per faceplate

Excel Category 6 Unscreened Keystone Jack Outlets

The Excel Keystone jack outlets provide an alternative to the one piece shuttered module range. Suitable for mounting in a range of faceplates, shutters and a 1U 24 port frame, these jacks are quick and easy to install.

Features

- Category 6 Compliant
- IDC point at 90° to jack
- Choice of colour
- Mounts in either panel frame or shutter
- 25 Year System Warranty Available
- Third Party Verified

| Description | Part Number |
|-----------------------------------------------------------|---------------|
| Category 6 RJ45 White Keystone Jack | 100-011 |
| Category 6 RJ45 Black Keystone Jack | 100-011-BK |
| Category 6 RJ45 Black Keystone Jack (24-pack) | 100-011-BK-24 |
| Category 6 RJ45 Red Keystone Jack | 100-011-RD |
| Category 6 RJ45 Green Keystone Jack | 100-011-GN |
| Category 6 RJ45 Blue Keystone Jack | 100-011-BU |
| Compatible Patch Panel Frames | |
| Unloaded 16 port Black Patch Panel Frame - Plastic Fascia | 100-025 |
| Unloaded 24 port Black Patch Panel Frame - Plastic Fascia | 100-026 |
| Unloaded 16 port Chrome Patch Panel Frame | 100-027 |
| Unloaded 24 port Chrome Patch Panel Frame | 100-028 |
| Unloaded 24 port Keystone V Patch Panel Frame - Black | 100-040 |
| Unloaded 24 port Keystone Jack Module Patch Panel - 0.5U | 100-041 |

3P - This product range has been tested by 3P and found to comply with 2nd edition ISO/IEC Generic Cabling Standard 11801, CENELEC EN 50173-1:2007, ANSI/TIA/EIA. 568-B. 2-1, IEC 60603-7-4 and IEC 605/2-26-100. For copies of test certification please contact your local Excel distributor, or visit www.excel-networking.com.



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Please check with your local Excel Sales Office or distributor for in country product availability

Excel Category 6 Low Profile Unscreened Keystone Jack –Toolless



The Excel Category 6 Low Profile Unscreened Keystone Jack, is a reduced size toolless termination RJ45 socket. The reduced size allows for multiple cable entry directions to be accommodated when this jack is mounted in a standard depth back box. This permits many mounting options including flush shutters at the outlet as well as more common angled shutter used with keystone jacks. A choice of compatible Patch Panel frames with either 16 or 24 port density in both black and chrome are available for this Low Profile Jack. The low profile design allows this jack to fit in the Excel 0.5U 24 Port Patch Panel resulting in a maximum port density of 48 per 1U. The socket itself is housed in a high quality fire retardant plastic cast housing, which opens at the rear in a butterfly manner to reveal the IDC termination points. Once the pairs are arranged in the cable management cap and trimmed it is a simple case of closing the 'butterfly' together to complete the termination. Third party verification by Delta assures this high performance jack exceeds the requirements of the ISO, EN & TIA component standards.

Features

- Low Profile - 28mm overall depth
- Delta 3rd Party Verified
- Supports Gigabit Ethernet
- 25 Year System Warranty Available
- Toolless termination design

| Description | Part Number |
|-----------------------------------------------------------------------------------|---------------|
| Category 6 Unscreened Butterfly Style Toolless Keystone Jack - White, Low Profile | 100-215-WT-24 |
| Category 6 Unscreened Butterfly Style Toolless Keystone Jack - Black, Low Profile | 100-215-BK-24 |
| Compatible Patch Panel Frames | |
| Unloaded 16 port Black Patch Panel Frame - Plastic Fascia | 100-025 |
| Unloaded 24 port Black Patch Panel Frame - Plastic Fascia | 100-026 |
| Unloaded 16 port Chrome Patch Panel Frame | 100-027 |
| Unloaded 24 port Chrome Patch Panel Frame | 100-028 |
| 24 port Keystone V Patch Panel Frame, Black | 100-040 |
| 24 port Keystone Patch Panel Frame, 0.5U | 100-041 |



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Excel Category 6 Unscreened Angled Keystone Jack – Toolless

The Excel Category 6 Unscreened angled Keystone Jack, is an independently verified toolless termination RJ45 socket suitable for mounting patch panels. The angled design of the socket face makes this product ideal for high density frames. Traditional horizontal patch cable management bars can be removed or reduced in number as the leads follow a natural route to the left or right of the panel and the cabinet's vertical management. To the rear of the socket the design is exactly the same as the Excel keystone range, enabling standard termination and cable dressing practices to be followed. The socket itself is housed in a high quality ABS plastic housing, which opens at the rear in a butterfly manner to reveal the IDC termination points. Once the conductors of the cable to be terminated are fed into a wire cap the process is completed by snapping the 'butterfly wings' together with minimal, but firm pressure.



Features

- Category 6 compliant
- Forms Angled Cat 6 Patch Panel when used with part number 100-023
- Two piece, easy to use design
- Toolless termination design
- Suitable for patch panel mounting
- 25 Year System Warranty Available
- Ideal for high density cabling installations

| Description | Part Number |
|--------------------------------------------------------------------|-------------|
| Category 6 Unscreened Butterfly Style Toolless Angled Jack - Black | 100-213-24 |
| Compatible Patch Panel Frames | |
| Unloaded 24 Port Black Angled Keystone Frame | 100-023 |
| Unloaded 24 Port Chrome Angled Keystone Frame | 100-024 |

Please check with your local Excel Sales Office or distributor for in country product availability

Excel Category 6 Screened Keystone Jack – Toolless



The Excel Category 6 Screened Keystone Jack, is an independently verified toolless termination RJ45 socket suitable for mounting in range of housings from patch panels, faceplates and shutters to sub floor boxes, and work area distribution enclosures. The socket itself is housed in a high quality zinc die cast housing, which opens at the rear in a butterfly manner to reveal the IDC termination points. Once the conductors of the cable to be terminated are fed into a management cap the process is completed by snapping the ‘butterfly wings’ together with minimal, but firm pressure.

Features

- Category 6 compliant
- High quality die cast housing
- Toolless termination design
- Suitable for patch panel and faceplate mounting
- 25 Year System Warranty Available
- Suitable for installation in 37mm deep back box with bevelled faceplate
- 360° Shielding protects against alien crosstalk
- EC Verified

| Description | Part Number |
|-------------------------------------------------------------------------|-------------|
| Category 6 Screened Toolless Keystone Jack 34.3mm (10-pack) | 100-209-24 |
| Category 6 FTP Toolless Keystone Jack - Butterfly Style (24-pack) | 100-210-24 |
| Category 6 UTP Toolless Keystone Jack Butterfly Style - White (24-pack) | 100-211-24 |
| Category 6 UTP Toolless Keystone Jack Butterfly Style - Black (24-pack) | 100-212-24 |
| Compatible Patch Panel Frames | |
| Unloaded 16 port Black Patch Panel Frame - Plastic Fascia | 100-025 |
| Unloaded 24 port Black Patch Panel Frame - Plastic Fascia | 100-026 |
| Unloaded 16 port Chrome Patch Panel Frame | 100-027 |
| Unloaded 24 port Chrome Patch Panel Frame | 100-028 |



EC verified. This product has been tested by the Delta EC Cabling Group and complies with the following standards ISO/IEC 11801 2nd edition:2002, ISO/IEC 11801 amendment 2:2010 50173:2007, ANSI/TIA-568-C.2 and IEC 60603-7-5. For copies of test certification please contact your local Excel distributor, or visit www.excel-networking.com or www.delta.dk.

Excel Category 6 FTP Keystone Through Couplers



The Excel range of Category 6 ‘Through Couplers’ provide RJ45 in/out connections, allowing channels to be extended where required. With its standard keystone Jack profile they fit all Keystone panels and outlets.

Features

- Standard Keystone fitting
- Category 6 FTP
- 90 or 180 degree configuration
- Suitable for both screened and unscreened systems
- Standard RJ45 connection both ends
- Maintains channel performance

| Description | Part Number |
|----------------------------------------------------------|-------------|
| Excel Category 6 FTP 180 Degree Keystone Through Coupler | 100-106 |
| Excel Category 6 FTP 90 Degree Keystone Through Coupler | 100-108 |

Excel Category 6 FTP IDC Junction Box

IDC junction boxes are suitable for Category 6 and Category 5e cable joints, repairs and extensions. They are fully screened and include an IDC connection for the drain wire. The housing is metal plated to provide further screening.

Features

- Ideal for use where repairs or extensions are required
- Suitable for CAT6 & CAT5e
- Suitable for screened and unshielded cables
- Can be used as through coupler
- Drain wire IDC connection
- Metal plated



| Description | Part Number |
|---------------------------------------|-------------|
| Excel Category 6 FTP IDC Junction Box | 100-110 |

Excel Fast RJ45 Plugs

The Excel Fast RJ45 plug is easy to use on both Category 6 and Category 5e unshielded cables. Supplied in a handy pack of 100 pieces using plastic free packaging the plug is simple to use, terminate and crimp especially when using the Excel Fast Termination Tool (Sold separately).

The Tool features an ergonomic ratchet & release cushion handle making easy work of crimping the RJ45 Plug whilst trimming the excess wire leaving the end of the plug completely flush. When using the Excel Fast Boots, the tool will help align the boots to the RJ45 plug.



| Description | Part Number |
|-------------------------------------------------------------------------------------|-------------|
| Excel Fast RJ45 Plug (suitable for U/UTP Category 5e and 6) - 100-pack | 100-116-100 |
| Excel Fast RJ45 Plug and HD Boots (suitable for U/UTP Category 5e and 6) - 100-pack | 100-117-100 |
| Excel Fast RJ45 Plug Termination Tool | 100-115 |



Excel Plus – Category 6 Surface Mount Boxes



The Excel Plus surface mount boxes can be used in a wide variety of applications and provide a quick and easy method of installing up to 6 outlets to work areas. These shuttered units can be installed in desk clusters, beneath retail counters, under floors, or wall mounted, they are also ideal for temporary or emergency installations.

Features

- Provides convenient workstation outlets for Gigabit ethernet applications.
- Available in a choice of port density.
- Shuttered outlets as standard.
- Built in labelling field
- Supplied with cable ties and fixing kit
- 25 Year System Warranty Available

| Description | Part Number |
|------------------------------------------------|-------------|
| Excel Plus 1 Port Cat6 Surface Mount Box white | 100-006 |
| Excel Plus 2 Port Cat6 Surface Mount Box white | 100-007 |
| Excel Plus 4 Port Cat6 Surface Mount Box white | 100-008 |
| Excel Plus 6 Port Cat6 Surface Mount Box white | 100-009 |

Excel Category 5e Unscreened Twisted Pair U/UTP Cable



Excel solid conductor Category 5e is a 4 pair U/UTP cable which conforms to the enhanced performance Category 5 specification. Two 305mtr boxes are supplied in a strong outer carton, clearly marked for on site identification. The outer carton provides protection for both the cable and inner packaging, and allows for easy storage, stacking and movement of goods. When installing simply remove the perforated letter carton strip from the box front and pull two cables as normal from the box. Where necessary the outer carton can be discarded and the inner - standard 305mtr reelex boxes - utilised.



Features

- Category 5e Compliant
- Power Sum Compliant
- Tested for FEXT And Return Loss
- 305 Metre Fast Feed Box
- 305 to 0 metre marking helps to reduce waste
- 25 Year System Warranty Available



| Description | Part Number |
|---------------------------------------------|-------------|
| Category 5e U/UTP Eca PVC Cable Grey - 305m | 100-065 |
| Category 5e U/UTP Eca PVC Cable Grey - 500m | 100-059 |

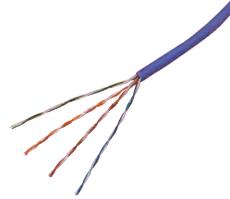
Excel Category 5e Unscreened Twisted Pair (U/UTP) Cable – LS0H

Excel solid conductor 4 pair U/UTP cable with a low smoke zero halogen outer sheath. The outer carton of the 305m reelex boxes provides protection for both the cable and inner packaging, and allows for easy storage, stacking and movement of goods. When installing simply remove the perforated letter carton strip from the box front and pull two cables as normal from the box. Where necessary the outer carton can be discarded and the inner utilised.

Features

- Category 5e Compliant
- Power Sum Next
- Choice of colour
- 25 Year System Warranty Available
- Cca Euroclass = Cca s1b d1 a1
- Dca Euroclass = Dca s2 d2 a2

| Description | Part Number |
|----------------------------------------------|-------------|
| Category 5e Cca LS0H Cable Violet - 305m | 170-066 |
| Category 5e Dca LS0H Cable Violet - 305m | 100-066 |
| Category 5e Dca LS0H Cable White - 305m | 100-060 |
| Category 5e Dca LS0H Cable White - 100m | 100-060-100 |
| Category 5e B2ca LS0H Cable White - 100m | 190-060-100 |
| Category 5e Dca LS0H Cable Red - 305m | 100-061 |
| Category 5e Dca LS0H Cable Blue - 305m | 100-062 |
| Category 5e Dca LS0H Cable Green - 305m | 100-063 |
| Category 5e Dca LS0H Cable Yellow - 305m | 100-064 |
| Category 5e Dca LS0H Cable Orange - 305m | 100-057 |
| Category 5e Eca LS0H Dual Cable, 500m, White | 100-102 |



Excel Category 5e Unscreened Twisted Pair (U/UTP) Cable – External Grade

Excel solid conductor 4 pair U/UTP cable with a black polyethylene outer sheath, for outdoor use.

Features

- Category 5e Compliant
- UV Resistant
- Duct Grade
- 305 Metre Fast Feed Box
- 25 Year System Warranty Available

| Description | Part Number |
|------------------------------------------------------|-------------|
| Category 5e External Grade Fca PE Cable Black - 305m | 100-090 |



Excel Category 5e Unscreened Twisted Pair (U/UTP) Cable – Patch Cable

Excel stranded conductor 4 pair U/UTP patch cable is highly flexible easy to use and Category 5e compliant, ideal for the manufacture of bespoke cables.



Features

- Category 5e Compliant
- 26 AWG Stranded Conductors
- Choice Of Colours
- 305 Metre Fast Feed Box

| | | | |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
|  |  |  |  |
| Grey | Blue | Green | Black |
| 100-081-305M | 100-082-305M | 100-083-305M | 100-084-305M |
|  |  |  |  |
| Orange | Red | White | Yellow |
| 100-085-305M | 100-087-305M | 100-089-305M | 100-091-305M |

Please check with your local Excel Sales Office or distributor for in country product availability

Excel Category 5e Unscreened Twisted Pair (U/UTP) – Patch Leads Booted – LS0H

Excel stranded conductor 4 pair U/UTP booted patch leads are available in various colours with matching strain relief boots.

Features

- Category 5e Compliant
- Choice Of Colours Up To 20 Metre
- T568B Wiring
- Blade style 'slimline' moulded strain relief boot with clip protector
- LS0H outer sheath



| Length (M) | Grey | Red | Blue | Black | Green |
|------------|----------------|----------------|----------------|----------------|----------------|
| 0.2 | BB0.2MPLGE-10 | BB0.2MPLRD-10 | BB0.2MPLBU-10 | BB0.2MPLBK-10 | BB0.2MPLGN-10 |
| 0.3 | BB0.3MPLGE-10 | BB0.3MPLRD-10 | BB0.3MPLBU-10 | BB0.3MPLBK-10 | BB0.3MPLGN-10 |
| 0.5 | BB0.5MPLGE-10 | BB0.5MPLRD-10 | BB0.5MPLBU-10 | BB0.5MPLBK-10 | BB0.5MPLGN-10 |
| 0.75 | BB0.75MPLGE-10 | BB0.75MPLRD-10 | BB0.75MPLBU-10 | BB0.75MPLBK-10 | BB0.75MPLGN-10 |
| 1 | BB001MPLGE | BB001MPLRD | BB001MPLBU | BB001MPLBK | BB001MPLGN |
| 1.5 | BB015MPLGE | BB015MPLRD | BB015MPLBU | BB015MPLBK | BB015MPLGN |
| 2 | BB002MPLGE | BB002MPLRD | BB002MPLBU | BB002MPLBK | BB002MPLGN |
| 3 | BB003MPLGE | BB003MPLRD | BB003MPLBU | BB003MPLBK | BB003MPLGN |
| 4 | BB004MPLGE | BB004MPLRD | BB004MPLBU | BB004MPLBK | BB004MPLGN |
| 5 | BB005MPLGE | BB005MPLRD | BB005MPLBU | BB005MPLBK | BB005MPLGN |
| 6 | BB006MPLGE | BB006MPLRD | BB006MPLBU | BB006MPLBK | BB006MPLGN |
| 7 | BB007MPLGE | BB007MPLRD | BB007MPLBU | BB007MPLBK | BB007MPLGN |
| 8 | BB008MPLGE | BB008MPLRD | BB008MPLBU | BB008MPLBK | BB008MPLGN |
| 9 | BB009MPLGE | - | BB009MPLBU | - | BB009MPLGN |
| 10 | BB010MPLGE | BB010MPLRD | BB010MPLBU | BB010MPLBK | BB010MPLGN |
| 15 | BB150MPLGE | BB150MPLRD | BB150MPLBU | BB150MPLBK | BB150MPLGN |
| 20 | BB200MPLGE | BB200MPLRD | BB200MPLBU | - | BB200MPLGN |
| 25 | BB250MPLGE | - | - | - | - |
| 30 | BB300MPLGE | - | - | - | - |



More colours opposite

Excel Category 5e Unscreened Twisted Pair (U/UTP) – Patch Leads Booted – LSOH



| Length (M) | Yellow | Violet | White | Orange | Pink |
|------------|----------------|----------------|----------------|----------------|----------------|
| 0.2 | BB0.2MPLYW-10 | - | BB0.2MPLWT-10 | - | - |
| 0.3 | BB0.3MPLYW-10 | BB0.3MPLVT-10 | BB0.3MPLWT-10 | BB0.3MPLOR-10 | BB0.3MPLPK-10 |
| 0.5 | BB0.5MPLYW-10 | BB0.5MPLVT-10 | BB0.5MPLWT-10 | BB0.5MPLOR-10 | - |
| 0.75 | BB0.75MPLYW-10 | BB0.75MPLVT-10 | BB0.75MPLWT-10 | BB0.75MPLOR-10 | BB0.75MPLPK-10 |
| 1 | BB001MPLYW | BB001MPLVT | BB001MPLWT | BB001MPLOR | BB001MPLPK |
| 1.5 | BB015MPLYW | BB015MPLVT | BB015MPLWT | BB015MPLOR | - |
| 2 | BB002MPLYW | BB002MPLVT | BB002MPLWT | BB002MPLOR | BB002MPLPK |
| 3 | BB003MPLYW | BB003MPLVT | BB003MPLWT | BB003MPLOR | BB003MPLPK |
| 4 | BB004MPLYW | BB004MPLVT | - | BB004MPLOR | - |
| 5 | BB005MPLYW | BB005MPLVT | BB005MPLWT | BB005MPLOR | BB005MPLPK |
| 6 | BB006MPLYW | BB006MPLVT | BB006MPLWT | BB006MPLOR | - |
| 7 | BB007MPLYW | BB007MPLVT | BB007MPLWT | BB007MPLOR | - |
| 8 | BB008MPLYW | - | - | BB008MPLOR | - |
| 10 | BB010MPLYW | BB010MPLVT | BB010MPLWT | BB010MPLOR | BB010MPLPK |
| 15 | BB150MPLYW | BB150MPLVT | BB150MPLWT | - | - |
| 20 | BB200MPLYW | - | BB200MPLWT | - | - |
| 25 | - | - | BB250MPLWT | - | - |
| 30 | - | - | BB300MPLWT | - | - |



Please check with your local Excel Sales Office or distributor for in country product availability

Excel Category 5e Unscreened Twisted Pair (U/UTP) – Patch Leads Crossover – LS0H

Excel stranded conductor 4 pair U/UTP booted cables for use when cascading equipment without crossover ports.



Features

- Independently Verified
- Choice of Colour
- Crossover termination
- Blade Style Boot with Clip Protector
- LS0H Cable Sheath
- Category 5e Compliant



| Length (M) | Grey | Red | Green | Violet | Yellow | White |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 1 | BB001MPLGE/X | BB001MPLRD/X | BB001MPLGN/X | - | - | - |
| 2 | BB002MPLGE/X | BB002MPLRD/X | - | BB002MPLVT/X | BB002MPLYW/X | - |
| 3 | BB003MPLGE/X | BB003MPLRD/X | - | BB003MPLVT/X | - | - |
| 5 | BB005MPLGE/X | BB005MPLRD/X | - | - | BB005MPLYW/X | BB005MPLWT/X |
| 10 | BB010MPLGE/X | - | - | - | - | - |

Excel Category 5e Screened Twisted Pair (F/UTP) Cable

Excel Solid Conductor 4 pair F/UTP is a high performance Category 5e compliant cable suitable for installations where high levels of EMI and RFI could be present.



Features

- Category 5e Compliant
- PVC or LS0H Outer Sheath
- 305 Metre Fast Feed Box
- 25 Year System Warranty Available
- 100% Aluminium Foil Tape screen
- Dca Euroclass = Dca s1a d2 a1

| Description | Part Number |
|---------------------------------------------------|-------------------|
| Category 5e F/UTP Dca PVC Cable Light Grey - 305m | EXC100-217/LTGREY |
| Category 5e F/UTP Dca LS0H Cable Violet - 305m | 100-217 |
| Category 5e F/UTP Eca PVC Cable Grey - 305m | 100-216 |

Excel Category 5e Screened Twisted Pair (F/UTP) – Patch Leads Booted



Excel Stranded Conductor 4 pair F/UTP patch leads are available in various colours and are manufactured from UL verified cable.

Features

- Category 5e compliant
- Individually bagged
- Choice of colours in 1, 3 and 5 Metre
- Blade style 'slimline' moulded strain relief boot with clip protector
- 100% aluminium foil tape screen



| Length (M) | Grey | Red | Blue | Green | Yellow |
|------------|-------------|-------------|-------------|-------------|-------------|
| 0.2 | BBS0.2MPLGE | - | - | - | - |
| 0.5 | BBS0.5MPLGE | - | - | - | - |
| 1 | BBS001MPLGE | BBS001MPLRD | BBS001MPLBU | BBS001MPLGN | - |
| 2 | BBS002MPLGE | - | - | - | - |
| 3 | BBS003MPLGE | BBS003MPLRD | BBS003MPLBU | BBS003MPLGN | BBS003MPLYW |
| 5 | BBS005MPLGE | - | - | - | - |
| 7 | BBS007MPLGE | - | - | - | - |
| 10 | BBS010MPLGE | - | - | - | - |
| 15 | BBS150MPLGE | - | - | - | - |

Excel Category 5e Screened Twisted Pair (F/UTP) – Patch Leads Crossover – LSOH



Excel stranded conductor 4 pair screened booted cables for use when cascading equipment without crossover ports.

Features

- Category 5e compliant
- Individually bagged

| Description | Part Number |
|-----------------------------------------------------------------|---------------|
| Category 5e F/UTP Blade Booted Patch Lead LSOH Crossover 1m Red | BBS001MPLRD/X |
| Category 5e F/UTP Blade Booted Patch Lead LSOH Crossover 3m Red | BBS003MPLRD/X |

Excel Category 5e Unscreened RJ45 Patch Panels – Black

Excel Category 5e patch panels comply with the EIA TIA Standard for enhanced Category 5 and are available in a choice of port density. Each panel offers a choice of labelling with the option to use the screen printed fields on the panel facia or the slide label system which is enclosed with each panel. Ease of installation is assured with ample rear cable management positions and IDC blocks allowing use of Krone tooling.

Features

- Category 5e Compliant
- Choice of Port Density
- Choice of Labelling System
- 25 Year System Warranty Available
- Cage nuts and 1-96 self adhesive label kit included



| Description | Part Number |
|------------------------------------------|-------------|
| Category 5e 16 Port 1U Black Patch Panel | 100-720 |
| Category 5e 24 Port 1U Black Patch Panel | 100-726 |
| Category 5e 32 Port 2U Black Patch Panel | 100-722 |
| Category 5e 48 Port 2U Black Patch Panel | 100-728 |

Excel Category 5e Unscreened RJ45-RJ45 Through Coupler Panels - Black

Excel Category 5e through coupler panels present a standard RJ45 connector to both the front and rear of the panel, and are ideal for temporary or emergency cabling installations as they can be installed in a matter of minutes. They can also be installed as equipment link panels.

Features

- Quick and simple to install
- Category 5e compliant
- 25 Year System Warranty Available
- Cage nuts and 1-96 label kit included



| Description | Part Number |
|-------------------------------------------------------------------------|-------------|
| Category 5e 24 Port 1U Black Patch Panel Through Coupler - RJ45 to RJ45 | 100-309 |

Excel Category 5e Unscreened RJ45 Patch Panels – Coloured

Available in a choice of colours, these Category 5e compliant patch panels are ideal for the identification of particular service or departments within a network or organisation. Available from stock in a 1U high density design each panel offers a choice of labelling schemes. Use either the screen printed icons on the panel fascia or the self adhesive slide label or pre numbered kits included with the unit. Ease of installation is assured with ample rear cable management positions and IDC blocks allowing the use of LSA compatible tooling.



100-450



100-451

Features

- Category 5e Compliant
- High density design
- Choice of Labelling System
- 25 Year System Warranty Available
- Cage nuts and 1-96 self adhesive label kit included

| Description | Part Number |
|-----------------------------|-------------|
| 24 Port 1U Blue Patch Panel | 100-450 |
| 24 Port 1U Red Patch Panel | 100-451 |

Please check with your local Excel Sales Office or distributor for in country product availability

Excel Plus – Category 5e Unscreened RJ45 Patch Panels

The Excel Plus high density patch panel combines the proven quality and performance of the existing range with enhanced aesthetics and labelling system. Each panel consists of a number of 8 way blocks of RJ45 sockets, housed in a high quality plastic moulding. To the front of the panel this moulding contains the new easy to use slide label system. Each block of 8 sockets has its own label which can be removed from either side of the covered label field. The label strip itself is protected by a clear, tough plastic insert.



Features

- Enhanced slide label system
- 25 Year System Warranty Available
- Cage nuts and 1-96 self adhesive label kit included

| Description | Part Number |
|------------------------------------------|-------------|
| Category 5e 24 Port 1U Black Patch Panel | 100-470 |
| Category 5e 24 Port 1U Blue Patch Panel | 100-476 |



Excel Category 5e Unscreened Right Angle RJ45 Patch Panels

Available in 24 or 48 port options the Excel right angled patch panel represents a cost effective category 5e solution with integral rear cable management. Both occupy 1U position and present LSA compatible termination IDCs that are horizontal to the panel facia to allow quick and easy cable installation. The 48 port version uses a double deck design to facilitate two sets of 24 ports to be installed.



Features

- Built in rear cable management
- 25 Year System Warranty Available
- Cage nuts and 1-96 self adhesive label kit included
- Uses Excel Punchdown Tool – BT Ref 2A



| Description | Part Number |
|------------------------------------------------------|-------------|
| Category 5e 24 Port 1U Right Angle Black Patch Panel | 100-460 |
| Category 5e 48 Port 1U Right Angle Black Patch Panel | 100-497 |



Excel Plus – Category 5e Unscreened Right Angle RJ45 Patch Panels



The Excel Plus high density patch panel combines the proven quality and performance of the existing range with enhanced aesthetics and labelling system. Each panel consists of a number of 8 way blocks of RJ45 sockets, housed in a high quality plastic moulding. To the front of the panel this moulding contains the new easy to use slide label system. Each block of 8 sockets has its own label which can be removed from either side of the covered label field. The label strip itself is protected by a clear, tough plastic insert.

To make installation as easy and fast as possible, the LSA compatible termination blocks are positioned at a right angle to the panel front on the built in rear cable management tray.



Features

- Enhanced slide label system
- 25 Year System Warranty Available
- Cage nuts and 1-96 self adhesive label kit included

| Description | Part Number |
|------------------------------------------------------|-------------|
| Category 5e 24 Port 1U Right Angle Black Patch Panel | 100-490 |

Excel Category 5e Screened Right Angle RJ45 Patch Panels



Excel High Density Screened Patch Panels have 24 RJ45 ports in 1U, IDC termination blocks are positioned at 90° to the sockets which allows for fast and easy termination.

Features

- Category 5e Compliant
- Screen Printed Label System
- Built In Rear Cable Management
- 25 Year System Warranty Available
- Cage nuts and 1-96 self adhesive label kit included



| Description | Part Number |
|------------------------------------------|-------------|
| Category 5e 24 Port 1U Black Patch Panel | 100-736 |

Excel Category 5e Unscreened RJ45 Modules

Excel Category 5e RJ45 modules comply with the standard for enhanced Category 5. Each shuttered module is supplied with a slide label field and space above, this is allowed for use of self adhesive or further labelling if required. Termination can be made using Krone tooling, a cable tie base is positioned between the IDC blocks to relieve cable stress.

Features

- Category 5e Compliant
- Overall dimensions 50 x 25mm
- Cut out dimensions 44.96 x 25mm, Standard and Low Profile module
- Built in slide label system
- Fits 27mm back box when used with bevelled faceplate
- 25 Year System Warranty Available



| Description | Part Number |
|-------------------------------|-------------|
| Category 5e RJ45 White Module | 100-700 |
| Category 5e RJ45 Blue Module | 100-730 |
| Category 5e RJ45 Red Module | 100-731 |
| Category 5e RJ45 Green Module | 100-732 |

**FACEPLATES
& SHUTTERS**
excel

Turn to page 88 for details

Excel Category 5e Unscreened RJ45 Plastic Faceplates – Loaded

Excel Pre Loaded Single Gang Faceplates consist of either one or two of part numbers 100-700 and Excel bevelled faceplate, with blanks where appropriate. Supplied in a sealed bag these plates save time and money by reducing on site installation and assembly time.

Features

- Category 5e Compliant
- Fits 27mm back box when used with bevelled faceplate
- Built in slide label system
- 25 Year System Warranty Available



| Description | Part Number |
|-----------------------------------------------------------------|-------------|
| Category 5e 1 x RJ45 White Module c/w Bevelled Plate and Blanks | 100-702 |
| Category 5e 2 x RJ45 White Modules c/w Bevelled Plate | 100-704 |

Excel Category 5e Unscreened RJ45 Modules – 3 in 1



The Excel 3 in 1 module offers the ultimate in flexibility, space utilisation and ease of installation. The totally modular design allows the mounting of up to 3 shuttered RJ45 ports in a standard flat or bevelled single gang faceplate, or up to 6 in a double gang fascia.

The unique design means that you only load shuttered outlets as required, any capacity within the plate which is required for a later date is simply blanked off, providing a neat and easy to use completed installation. Individual port labelling is also quick and easy with standard Excel outlet slide in fields incorporated into the design.

HIGH DENSITY excel More outlets per faceplate

Features

- High density design
- Individual snap in modules
- Fit standard Excel faceplates
- Individual port slide labelling system
- Module dimensions 16.65 x 50.00mm
- LSA compatible IDC
- 25 Year System Warranty Available

| Description | Part Number |
|------------------------------------------------------------|-------------|
| Category 5e Single Shuttered RJ45 Module | 100-405 |
| Full width blank (equal to width of module) | 100-407 |
| 3 in 1 assembly, 3 modules in a single gang bevelled plate | 100-411 |

Please check with your local Excel Sales Office or distributor for in country product availability

Excel RJ45 Metal Faceplates

The Excel RJ45 Metal faceplates are designed to work with the standard Excel Category 5e modules – part number 100-760. Ideal for installations in public areas, such as hotels, homes, or for use in prestige office environments. Choose from polished chrome, brushed aluminium or satin brass finish.



Features

- Choice of single and double outlets
- Choice of finish
- Supplied with fixing screws
- 25 Year System Warranty Available

| Description | Part Number |
|-------------------------------------------|-------------|
| Brushed Stainless Single Gang Plate | BRDE335 |
| Polished Chrome Single Gang Plate | PSDE335 |
| Compatible Module | |
| Category 5e RJ45 White Low Profile Module | 100-760 |
| Category 5e RJ45 Black Low Profile Module | 100-763 |

Excel Category 5e Unscreened RJ45 Module – Low Profile

Excel Category 5e RJ45 modules comply with the EIA TIA Standard for enhanced Category 5. Each shuttered module is supplied with a slide label field and space above, this is allowed for use of self adhesive or further labelling if required. Termination can be made using Krone tooling, a cable tie base is positioned to the side of the IDC blocks to relieve cable stress.



Features

- Category 5e Compliant
- Built in slide label system
- Overall dimensions 50 x 25mm
- 25 Year System Warranty Available
- Fits 27mm back box when used with bevelled faceplate
- Overall depth 21mm

| Description | Part Number |
|------------------------------------------------------|-------------|
| Category 5e RJ45 White Low Profile Module | 100-760 |
| Category 5e RJ45 Black Low Profile Module | 100-763 |
| Category 5e RJ45, Low Profile Module - Euromod, Blue | 100-737 |
| Category 5e RJ45, Low Profile Module - Euromod, Red | 100-738 |



Excel Office Category 5e Unscreened RJ45 Module - Low Profile



The Office Excel Category 5e Unscreened RJ45 low profile module has been designed to be used in conjunction with the Office Hardware Mounting Range. Excel Category 5e Low Profile RJ45 modules comply with the standards for enhanced Category 5. The product provides quick and easy termination using LSA compatible tooling. Port identification can be completed by use of the integral slide label or simple application of an adhesive icon.

Features

- Category 5e compliant
- Colour matches the Office Mounting Hardware Range
- Overall dimensions 50 x 25mm
- Fits 27mm back box when used with bevelled faceplate
- Overall depth 21mm
- Built in slide label system
- 25 Year System Warranty Available



| Description | Part Number |
|----------------------------------------------------------|-------------|
| Excel Office Category 5e Unscreened Module – Low Profile | 100-275 |

Excel Category 5e Unscreened Module – 6c Low Profile



Excel Category 5e, low profile 6c Unshielded Twisted Pair (U/UTP) modules comply with the standards for enhanced Category 5. Each shuttered module is supplied with a label field for use of self adhesive or further labelling if required. Termination can be made using LSA compatible tooling. The Excel 6c Low Profile module has been specifically designed to fit the cutouts in metal floor box plates. They are therefore not recommended for use with the 6c faceplates and do not have an exact colour match.

Features

- Category 5e compliant
- 25 Year System Warranty Available
- Power Sum Compliant
- Low Profile Design - Overall Depth 19.65mm
- Ideal for Floor Box
- LSA Style Termination Blocks
- Overall dimensions 37 x 22mm



| Description | Part Number |
|-----------------------------------------------|-------------|
| Category 5e RJ45 White 6c Module, Low Profile | 100-757 |

Excel Category 5e Unscreened RJ45 Module – 6c

Excel Category 5e 6c modules are ideal for floor box installations. The compact two piece design allows for a fast and easy installation and results in a low profile finish.

Features

- Independently verified to Category 5e standard
- Overall dimensions 37 x 22mm
- Built in slide label system
- 25 Year System Warranty Available

| Description | Part Number |
|----------------------------------|-------------|
| Category 5e RJ45 White 6c Module | 100-758 |



Excel Category 5e Unscreened Keystone Jack Outlets

The Excel Keystone jack outlets provide an alternative to the one piece shuttered module range. Suitable for mounting in a range of faceplates, shutters and a 1u 24 port frame, these jacks are quick and easy to install.

Features

- Category 5e Compliant
- IDC point at 90° to jack
- Choice of colour
- Mounts in either panel or shutter
- 25 Year System Warranty Available

| Description | Part Number |
|--------------------------------------|---------------|
| Category 5e RJ45 White Keystone Jack | 100-010-24 |
| Category 5e RJ45 Black Keystone Jack | 100-010-BK-24 |

| Compatible Patch Panel Frames | |
|-----------------------------------------------------------|---------|
| Unloaded 16 port Black Patch Panel Frame - Plastic Fascia | 100-025 |
| Unloaded 24 port Black Patch Panel Frame - Plastic Fascia | 100-026 |
| Unloaded 16 port Chrome Patch Panel Frame | 100-027 |
| Unloaded 24 port Chrome Patch Panel Frame | 100-028 |



Excel Category 5e Low Profile Unscreened Keystone Jack – Toolless



The Excel Category 5e Low Profile Unscreened Keystone Jack, is a reduced size toolless termination RJ45 socket. The reduced size allows for multiple cable entry directions to be accommodated when this jack is mounted in a standard depth back box. This permits many mounting options including flush shutters at the outlet as well as more common angled shutter used with keystone jacks. A choice of compatible Patch Panel frames with either 16 or 24 port density in both black and chrome are available for this Low Profile Jack. The low profile design allows this jack to fit in the Excel 0.5U 24 Port Patch Panel resulting in a maximum port density of 48 per 1U. The socket itself is housed in a high quality fire retardant plastic cast housing, which opens at the rear in a butterfly manner to reveal the IDC termination points. Once the pairs are arranged in the cable management cap and trimmed it is a simple case of closing the 'butterfly' together to complete the termination.

Features

- Low Profile - 28mm overall depth
- Supports Gigabit Ethernet
- 25 Year System Warranty Available
- Toolless termination design



| Description | Part Number |
|-----------------------------------------------------------------------------------|---------------|
| Category 5e Low Profile Unscreened Butterfly Style Toolless Keystone Jack - White | 100-202-WT-24 |
| Category 5e Low Profile Unscreened Butterfly Style Toolless Keystone Jack - Black | 100-202-BK-24 |
| Compatible Patch Panel Frames | |
| Unloaded 16 port Black Patch Panel Frame - Plastic Fascia | 100-025 |
| Unloaded 24 port Black Patch Panel Frame - Plastic Fascia | 100-026 |
| Unloaded 16 port Chrome Patch Panel Frame | 100-027 |
| Unloaded 24 port Chrome Patch Panel Frame | 100-028 |
| 24 port Keystone V Patch Panel Frame, Black | 100-040 |
| 24 port Keystone Patch Panel Frame, 0.5U | 100-041 |

**FACEPLATES
& SHUTTERS**
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Turn to page 88 for details

Excel Plus – Category 5e Surface Mount Boxes

The Excel Plus surface mount boxes can be used in a wide variety of applications and provide a quick and easy method of installing up to 6 outlets to work areas. These shuttered units can be installed in desk clusters, beneath retail counters, under floors, or wall mounted, they are also ideal for temporary or emergency installations.



Features

- Provides convenient workstation outlets for Gigabit ethernet applications.
- Available in a choice of port density.
- Shuttered outlets as standard.
- Built in labelling field
- Supplied with cable ties and fixing kit
- 25 Year System Warranty Available

| Description | Part Number |
|--------------------------------------|-------------|
| 1 Port Cat5e Surface Mount Box White | 100-002 |
| 2 Port Cat5e Surface Mount Box White | 100-003 |
| 4 Port Cat5e Surface Mount Box White | 100-004 |
| 6 Port Cat5e Surface Mount Box White | 100-005 |

Excel Voice Modules

The Euro and 6c style voice outlets have the standard Excel slide label system and an LJU right polarised socket as standard. The Euro style fits the standard Excel faceplates whereby the 6c modules can be used in most floor plates or the new Excel wall mount 6c faceplates. A left hand polarised version is available for applications requiring this design.



Features

- Euro style 50 x 25mm overall dimensions
- 6c style 37 x 22mm overall dimensions
- Fit standard Excel faceplates
- Choice of specification
- LJU socket
- Slide label system
- 25 Year System Warranty Available

| Description | Part Number |
|------------------------------------|-------------|
| Secondary Voice Module, Euro style | 100-781 |
| PABX Voice Module, Euro style | 100-783 |
| PSTN Voice Module, Euro style | 100-785 |
| Secondary Voice Module, 6c style | 100-787 |

Excel Category 5e Screened RJ45 Module



Excel Category 5e RJ45 modules comply with the EIA TIA Standard for enhanced Category 5. Each shuttered module is supplied with a slide label field and space above, this is allowed for use of self adhesive or further labelling if required. Termination can be made using LSA tooling, a cable tie base is positioned between the IDC blocks to relieve cable stress.

Features

- Category 5e Compliant
- Overall dimensions 50 x 25mm
- Fits 27mm back box when used with bevelled faceplate
- Built in slide label system
- 25 Year System Warranty Available

| Description | Part Number |
|----------------------------------------|-------------|
| Category 5e Screened RJ45 White Module | 100-706 |



Excel Category 5e Screened Plastic Faceplates – Loaded

Excel Pre Loaded Single Gang Faceplates consist of two of part numbers 100-706 – Excel bevelled faceplate. Supplied in a sealed bag these plates save time and money by reducing on site installation and assembly time.

Features

- Category 5e Compliant
- Fits 27mm back box when used with bevelled faceplate
- Built in slide label system
- 25 Year System Warranty Available



| Description | Part Number |
|-------------------------------------------|-------------|
| 2 x RJ45 White Modules c/w Bevelled Plate | 100-710 |

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Turn to page 88 for details

Excel Category 5e Screened Keystone Jack – Toolless

The Excel Category 5e Screened Keystone Jack, is a toolless termination RJ45 socket suitable for mounting in range of housings from patch panels, faceplates and shutters to sub floor boxes, and work areas distribution enclosures. The socket itself is housed in a high quality zinc die cast housing, which opens at the rear in a butterfly manner to reveal the IDC termination points. Once the conductors of the cable to be terminated are fed into a management cap the process is completed by snapping the ‘butterfly wings’ together with minimal, but firm pressure. A choice of Patch Panel frames with either 16 or 24 port density in both black and chrome are available.



Features

- Category 5e Compliant
- High quality die cast housing
- Toolless termination design
- Suitable for patch panel and faceplate mounting
- Suitable for installation in 37mm deep back box with bevelled faceplate
- 25 Year System Warranty Available
- Independently verified
- 360° Shielding protects against alien crosstalk

| Description | Part Number |
|-------------------------------------------------------------|-------------|
| Category 5e Screened Butterfly Style Toolless Keystone Jack | 100-906 |
| Compatible Patch Panel Frames | |
| Unloaded 16 port Black Patch Panel Frame - Plastic Fascia | 100-025 |
| Unloaded 24 port Black Patch Panel Frame - Plastic Fascia | 100-026 |
| Unloaded 16 port Chrome Patch Panel Frame | 100-027 |
| Unloaded 24 port Chrome Patch Panel Frame | 100-028 |

ETL - This product range has been tested by ETL and found to comply with ANSI/TIA - 568-B.2 Category 5e. For copies of test certification please contact your local Excel distributor, or visit www.excel-networking.com.

Excel 6c Faceplates

A new range of single and double gang faceplates and associated blanks, specifically designed for the mounting of the Excel range of 6c voice and data modules.



100-670



100-671

Features

- Single and Double Gang
- Blank Plate
- Screen printing option available

| Description | Part Number |
|--------------------------------------------|-------------|
| Single gang plate, up to 2 outlets - White | 100-670 |
| Double gang plate, up to 4 outlets - White | 100-671 |
| Full Width Blank Plate - White | 100-672 |
| Full Width Blank Plate - Black | 100-672 -BK |

Excel Mounting Hardware

In addition to the standard flat Euromod – 50x25mm and 6c – 22.5x37mm – is the recommended angled shutter. Available in the standard Euromod cut out size, this housing is designed to assist in the installation of large diameter cables in confined spaces such as standard back boxes, multi compartment trunking, and floor boxes. The design presents the keystone at 45 degrees to both the solid conductor cable being terminated, and the RJ45 patch cable to be connected to the installed socket. Each of the shutters and blanking plates available are compatible with the range of Excel faceplates.

Euromod and 6c Shutter features

- Choice of shutter size
- Choice of faceplate
- Suitable for use with Category 5e, Category 6 and Category 6A Keystone jacks

Angled Shutter features

- Choice of design
- Compatible with Excel faceplates
- Labelling field

Faceplates features

- Supplied with fixing screws
- Choice of bevelled or flat style
- Choice of blanking plates
- Screen printing option available

| Description | Part Number |
|---------------------------------------------------------------------|-------------|
| White Shutter to suit Keystone Jack, Angled, 50 x 25mm | 100-175 |
| Black Shutter to suit Keystone Jack, Angled, 50 x 25mm | 100-175-BK |
| White Shutter to suit Keystone Jack, Category 6A, Angled, 50 x 25mm | 100-020 |
| Black Shutter to suit Keystone Jack, Category 6A, Angled 50 x 25mm | 100-020-BK |
| White Shutter to suit Keystone Jack, 50 x 25mm | 100-014 |
| Black Shutter to suit Keystone Jack, 50 x 25mm | 100-014-BK |
| White Shutter to suit Keystone Jack, 6c, 38.5 x 25mm | 100-018 |
| Black Shutter to suit Keystone Jack, 6c, 38.5 x 25mm | 100-018-BK |
| White Shutter to suit Keystone Jack, Angled, 6c | 100-022 |
| Black Shutter to suit Keystone Jack, Angled, 6c | 100-022-BK |
| Black Shutter to suit Keystone Jack, Angled, 50 x 25mm | 100-175-BK |
| White Single Gang Bevelled Plate without Blanks | 100-712 |
| White Single Gang Flat Plate without Blanks | 100-714 |
| Black Single Gang Flat Plate without Blanks | 100-714-BK |
| White Double Gang Bevelled Plate without Blanks | 100-716 |
| White Double Gang Flat Plate without Blanks | 100-718 |
| White Half Width (12.5mm) Blank Plate | 100-715 |
| Black Half Width (12.5mm) Blank Plate | 100-715-BK |
| White Full Width (25mm) Blank Plate | 100-719 |
| Black Full Width (25mm) Blank Plate | 100-719-BK |



Excel Office Mounting Hardware

The Excel Office Range brings style and enhanced aesthetics to any Excel installation, thanks to its curved plate finish and built in labelling fields.

The portfolio includes Category 5e and Category 6 Low profile modules allowing installation in shallow back boxes and dado trunking. Additionally an angled keystone shutter is available that accepts the full range of Excel Category 5e, 6 and 6_A keystone jacks. The Single and Double Gang faceplates are each supplied with two half (12.5mm wide) blanks. In the case of the Single Gang Faceplate this allows a single jack or shutter to be mounted centrally in the aperture. The two half (12.5 mm wide) blanks supplied with the Double Gang Faceplate allows spacing options for mounting three jacks or shutters in the faceplate.

The range is available in Office White or Charcoal Grey. These two colour options permit the assembly of the telecommunications outlets to contrast with the wall finish if required to comply with the Equality Act 2010 and Part M of the Building Regulations. As all of the components are available in Office White and Charcoal Grey the telecommunications outlet can comprise of any combination:

- White Shutter/Module & White Faceplate
- Grey Shutter/Module & White Faceplate
- White Shutter/Module & Grey Faceplate
- Grey Shutter/Module & Grey Faceplate

Features

- Enhanced aesthetics
- Euromod size
- Enhanced colour
- Faceplates supplied with blanks
- Curved plate finish
- Available in Office White and Charcoal Grey

| Description | Part Number |
|------------------------------------------------------------------------|-------------|
| Excel Office Single Gang Faceplate complete with 2 half blanks - White | 100-270 |
| Excel Office Single Gang Faceplate complete with 2 half blanks - Grey | 100-270-GE |
| Excel Office Double Gang Faceplate complete with 2 half blanks - White | 100-271 |
| Excel Office Double Gang Faceplate complete with 2 half blanks - Grey | 100-271-GE |
| Excel Office Category 5e Unscreened Module - Low Profile - White | 100-275 |
| Excel Office Category 5e Unscreened Module - Low Profile - Grey | 100-275-GE |
| Excel Office Category 6 Unscreened Module - Low Profile - White | 100-276 |
| Excel Office Category 6 Unscreened Module - Low Profile - Grey | 100-276-GE |
| Excel Office Angled Keystone Shutter 25X50 mm - White | 100-280 |
| Excel Office Angled Keystone Shutter 25X50 mm - Grey | 100-280-GE |
| Excel Office Keystone Single Gang Faceplate - 1 Port | 100-273 |
| Excel Office Keystone Single Gang Faceplate - 2 Port | 100-274 |
| Excel DIN Mountable Module for Keystone Jacks | 100-701 |

Excel Mounting Hardware - Back Boxes

A range of single and double gang high quality Back Boxes.

Features

- Choice of Single or Double Gang
- Choice Of Depth

| Description | Part Number |
|--------------------------------|-------------|
| Single Gang 27mm Deep Back Box | 100-612 |
| Single Gang 32mm Deep Back Box | 100-614 |
| Single Gang 37mm Deep Back Box | 100-616 |
| Single Gang 47mm Deep Back Box | 100-618 |
| Double Gang 27mm Deep Back Box | 100-619 |
| Double Gang 32mm Deep Back Box | 100-621 |
| Double Gang 37mm Deep Back Box | 100-620 |
| Double Gang 47mm Deep Back Box | 100-622 |



Excel 1 & 2 Port Keystone Surface Mount Box

The Excel 1 & 2 Port Keystone Wall Mount box offers a compact discrete jack presentation. The box accepts standard and low profile toolless as well as the IDC keystone jacks (plastic support removed to fit standard size toolless jacks). Supplied with one keystone opening as standard. The opening for the second jack is made with side cutters or a knife if required. The base is fixed in position using appropriate screws (supplied by others) and the lid snaps into place to finish the installation. The lid has various cut out sections to facilitate cable entry from various directions.

Features

- Accepts 1 or 2 Keystone Jacks
- Compact discrete size
- Multiple cable entry
- For standard and low profile Excel keystone jacks
- Snap out second jack aperture
- Built in cable tie attachments



Keystone Jacks not included

| Description | Part Number |
|---------------------------------------------|-------------|
| Excel 1 & 2 Port Keystone Surface Mount Box | 100-021 |

Excel Curved 45 x 45 mm Keystone Shutters



The Excel Curved 45 x 45 mm Keystone Shutters are available in 1 and 2 port versions. Each shutter will support all of the Excel Keystone Jacks enabling screened and unshielded Category 5e, 6 and 6_A terminations to be presented in a uniform fashion.

Fixing clips are positioned on the rear of the shutter to allow the fitment to horizontally or vertically mounted trunking whilst maintain upright orientation of the shutter. Each port is protected with a curved, spring loaded shutter in matching material. The shutter comes complete with paper label and fitted clear window.

Features

- Accepts all Excel Keystone Jacks
- Available in 1 & 2 Port Versions
- Directly mount in appropriate 45mm trunking
- Curved shape
- Large labelfield

| Description | Part Number |
|------------------------------------------|-------------|
| Excel Curved 45 x 45 mm Shutter – 1 Port | 100-281 |
| Excel Curved 45 x 45 mm Shutter – 2 Port | 100-282 |

Excel Flat 45 x 45 mm Keystone Shutters



The Excel Flat Keystone Shutters are available in 1 and 2 port versions. Each shutter will support all of the Excel Keystone Jacks enabling screened and unshielded Category 5e, 6 and 6_A terminations to be presented in a uniform fashion. Fixing clips are positioned on the rear of the shutter to allow the fitment to either faceplates or trunking. Each port is protected with a curved, spring loaded shutter in matching material. The shutter comes complete with paper label and fitted clear window.

Features

- Accepts all Excel Keystone Jacks
- Available in 1 & 2 Port versions
- Directly mount in trunking or faceplate
- Flat shape
- Large labelfield

| Description | Part Number |
|----------------------------------------------|-------------|
| Excel Flat 45 x 45 mm Shutter – 1 Port | 100-289 |
| Excel Flat 45 x 45 mm Shutter – 2 Port | 100-290 |
| Excel Flat 22.5 x 45 mm Shutter – 1 Port | 100-294 |
| Excel Flat 80mm x 80mm Faceplate for 100-283 | 100-295 |

Excel Angled 2 Port Keystone 50 x 50 mm Faceplate

The Excel Angled 2 Port Keystone 50 x 50 mm Faceplate comprises of the fascia and mounting frame in an option of colours. The frame accepts all of the Unscreened and Screened Excel Keystone Jacks and presents them in an angled orientation to reduce the depth of the back box. The mounting frame is complete with a fitting to accept a 6mm spade connector if earth bonding is required.

The 50 x 50mm fascia is available in two colours

- RAL 9010 Pure White
- RAL 1013 Oyster White

Features

- 50 x 50mm Fascia & Mounting Frame
- Option of colours available
- Label field and lens

| Description | Part Number |
|-----------------------------------------------------------------------|-------------|
| Excel Angled 2 Port Keystone 50x50mm Faceplate RAL9010 (Pure White) | 100-283 |
| Excel Angled 2 Port Keystone 50x50mm Faceplate RAL1013 (Oyster White) | 100-284 |



Excel 2 Port 6c Collar and Mounting Frame

The Excel 2 Port 6c Collar comes complete with attachment screws for the supplied die-cast metal mounting frame. The collar accepts two 6c sized shutters or modules. This is specifically suited to be used with the Excel 6c Keystone Shutter (100-018) and the Excel Angled 6c Shutter (100-022). This collar is compatible with the Legrand Valena faceplates.

Features

- Accepts two 6c shutters
- Option of colours available
- Label field and lens

| Description | Part Number |
|-------------------------------------------|-------------|
| Excel 2 Port 6c Collar and Mounting Frame | 100-410 |



Excel Grid Outlet Position (GOP) Box Plus

The Excel Grid Outlet Position (GOP) Box Plus has been developed from the successful original versions. This range is available in four versions from 2 Way to 6 Way. The 2 and 4 way are available with a 25mm flexible conduit fixing point. The 4 and 6 way are available with a 32mm flexible conduit fixing point. The range has been developed for fixing to the end of flexible conduit typically where outlets are presented in a grid layout with cable containment mounted within a raised floor system. The GOP Box then has a degree of flexibility to be positioned within the radius of the flexible conduit to suit the office layout. 25 mm and 32 mm 'L' Brackets are available to fix the other end of the flexible conduit to the floor slab. GOP Boxes are typically then attached to the underside of the desk, the flexible conduit passing through the floor tile via a grommet.

These Plus versions are enhanced with cable tie saddles adjacent to the conduit fixing point to accept either nylon or hook & loop ties. This permits the cable to be secured if required. Additionally the GOP box has a hole at each end of the upper case to accept self-tap screws for fixing to adaptor plates or bespoke brackets. Supplied with the GOP Boxes are black rubber blanks for the un-used 6c apertures. The 2 way is supplied with 1 blank, the 4 way is supplied with 2 blanks, the 6 way with 4 blanks and the 12 way with 12 blanks. The blanks are also available separately. The flexible conduit fixing hole is slotted to aid cable installation. As the flexible conduit hole is part of the jack mounting metal work it ensures easy termination of the outlet while maintaining the cable management. The base has two fixing holes for mounting where required. The two parts of the box are assembled with a single machine screw.

GOP Boxes and 'L' Brackets are sold in packs of 10 to reduce packaging waste. The flexible conduit is sold separately.

Features

- 2, 4, 6 and 12 Way Versions
- 25 and 32 mm Versions
- Cable tie anchor points
- 'L' Brackets available
- 6c aperture size
- Blanks included
- Accepts Category 5e, Category 6 or Category 6_A
- 25 Year System Warranty Available

| Description | Part Number | GOP Box Dimensions | | |
|------------------------------------------------------------|-------------|--------------------|-------|--------|
| | | Length | Width | Height |
| Excel 2 Way GOP Box Plus – 25 mm – Pack of 10 | 350-639 | 105 mm | 62 mm | 55 mm |
| Excel 4 Way GOP Box Plus – 25 mm – Pack of 10 | 350-640 | 160 mm | 62 mm | 60 mm |
| Excel 4 Way GOP Box Plus – 32 mm – Pack of 10 | 350-641 | 160 mm | 62 mm | 60 mm |
| Excel 6 Way GOP Box Plus – 32 mm – Pack of 10 | 350-642 | 220 mm | 62 mm | 70 mm |
| Excel 12 Way GOP Box Plus – 32 mm - Each | 350-643 | 216mm | 134mm | 71mm |
| Excel LJ6c Black Rubber Blank – Pack of 10 | 350-645 | Approx dimensions | | |
| Excel 25 mm Flexible Conduit "L" Bracket Plus – Pack of 10 | 750-102 | | | |
| Excel 32 mm Flexible Conduit "L" Bracket Plus – Pack of 10 | 750-103 | | | |

Excel Grid Outlet Position (GOP) Box Plus (continued)

Compatibility

| Specifications |  | |  | |  | |
|-----------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| GOP Box Plus | 100-757 Excel Category 5e Unscreened Low Profile 6c Module | 100-202-WT & 100-202-BK Excel Category 5e Unscreened Low Profile Toolless Keystone Jack + 100-022 6c Angled Shutter | 100-297 Excel Category 6 Unscreened Low Profile 6c Module | 100-215-WT & 100-215-BK Excel Category 6 Unscreened Low Profile Toolless Keystone Jack + 100-022 6c Angled Shutter | 100-156 Excel Category 6 _A Unscreened Keystone Jack + 100-022 6c Angled Shutter | 100-181 Excel Category 6 _A Low Profile Screened Keystone Jack - Toolless + 100-022 6c Angled Shutter |
| 2 Way GOP Box Plus – 25 mm | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4 Way GOP Box Plus – 25 mm | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 4 Way GOP Box Plus – 32 mm | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 6 Way GOP Box Plus – 32 mm | ✓ | ✓ | ✓ | ✓ | | ✓ |
| 12 Way GOP Box Plus – 32 mm | ✓ | ✓ | ✓ | ✓ | | ✓ |

Please ask for details about our in-house assembly service to save time on site.

Excel 24 Port Overhead Tray Consolidation Point

The Excel 24 port overhead tray consolidation point has been designed to allow 24 LJ6C modules to be installed onto standard basket tray allowing up to 24 connections to be installed above cabinets or anywhere along the containment run where extra points are needed. The unique locking mechanism allows the unit to be fitted / moved easily. The frame hooks onto the basket tray and the two push button plungers hold the frame in position.

Features

- 24 copper ports
- Toolless installation
- Integrated cable tie point



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| Description | Part Number |
|-------------------------------------------------|-------------|
| Excel 24 Port Overhead Tray Consolidation Point | 100-927 |

Excel 12 Way Low Profile Consolidation Point



The Excel 12 Port low profile unloaded 6c consolidation point box in grey is perfect for being used in floor and ceiling voids. This unit allows for dynamic installations where routing of cables can be adapted and re-routed as and when needed.

The unit is designed with ergonomics in mind. The unit has the outlets separated into 3 sets of 4 with each set placed on a different angle to allow for routing in different directions but with bend radius at a minimum.

Features

- 2 x 32mm Diameter Conduit opening



| Description | Part Number |
|----------------------------------------------|-------------|
| Excel 12 Way Low Profile Consolidation Point | 350-644 |

Category 5e Contractor Pack

Save up to 75% on the most popular Category 5e installation products

The Excel Contractor Pack saves both time and money when ordering the essential items for Category 5e installations.

If ordered separately three part codes would be required, and the total cost at our recommended list prices would be much greater.

Everything will be delivered in one box ready for you or your customer to install.



Each Contractor Pack contains the following:

- 1 x 100-726 Excel 1U 24 port Black Category 5e Patch Panel
- 1 x Excel 1U Black 5 Plastic Hoop Management Bar
- 12 x 100-704 Excel Single Gang Bevelled Faceplates loaded with two Category 5e Modules

| Description | Part Number |
|--------------------------------------------------------------------------------------------------------|-------------|
| Category 5e Contractor Pack (1 x 100-726 Patch Panel, 12 x 100-704 Dual Faceplates, 1 x Cable Manager) | 100-850 |

Excel Blanking Plates and Letterbox Panels

To improve cabinet appearance Blank Plates can be installed to cover unused space. Letterbox Panels allow patch cords to be fed to or from the rear of the cabinet.

Features

- Enhances Cabinet Appearance



| Description | Part Number |
|-----------------------------------------------------|-------------|
| Excel 1U 19" Horizontal Snap In Blank Panel - Black | 100-591 |
| 1U Double Brush Strip - Middle Split Black | 100-595 |
| 1U Blank Plate Black | 100-598 |
| 1U Brush Strip Black | 100-599 |
| 2U Blank Plate Black | 100-602 |
| Excel 2U 19" Horizontal Snap In Blank Panel - Black | 100-592 |
| 3U Blank Plate Black | 100-606 |
| Excel 3U 19" Horizontal Snap In Blank Panel - Black | 100-593 |
| 1U Letterbox Plate Black | 100-610 |

Please check with your local Excel Sales Office or distributor for in country product availability

Excel Cable Management Bars

A wide range of 19" Vertical Cable Management bars are available.

Features

- Metal or Plastic Management Hoops
- 1 and 2U Options
- Horizontal and Vertical Hoops
- Cage Nut Set included



**RANGE
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| Description | Part Number |
|------------------------------------------------------|-------------|
| 1U Black Bar, 4 Vertical Metal 65mm Hoops | 100-582 |
| 1U Black Bar, 5 Vertical Metal 100mm Hoops | 100-583 |
| 1U Black Bar, 5 Vertical Plastic 65mm Hoops | 100-586 |
| 1U Black Bar, 5 Vertical Plastic 65mm Hoops - 2 Pack | 100-048 |

Excel Chrome Management Bar

1U 19" 5 Way Chrome Cable Management Bar. Provides an aesthetically pleasing and efficient way of managing patch cords, with built in 'letter box' cut out for excess cable.

Features

- Complements the Excel Category 6_A Chrome Panel and Modules



| Description | Part Number |
|----------------------------------------|-------------|
| 1U 5 Way Chrome Cable Management Bar | 100-031 |
| 0.5U 5 Way Chrome Cable Management Bar | 100-581 |

Cage Nuts

Cage nuts are used to fit equipment to the 19" profiles.



| Description | Part Number |
|-----------------------|-------------|
| Cage Nuts, pack of 50 | M6CNU |





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