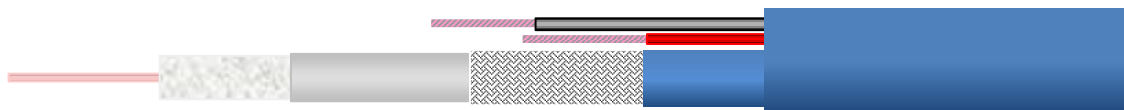


DescriptionSecurity video cable - 75 Ohm with 2 electrical wires 0,75 mm²

LSZH UV resistant security video cable (Screening Class A)

**Data Sheet****VSHD802075**

Ø

6,60 x 9,00
(LSZH)**Construction data**

Attached Data Sheet	Sheath Colour
VSHD80	blue (RAL 5015)
CE24	black
CE25	red

Outer sheath of Thermoplastic material - blue (RAL 5015) - (LSZH) Ø 9,00 x 6,60 ± 0,10 mm
 halogen-free, low smoke, flame retardant and UV-resistant
 Printed each meter by blue ink-jet :

CAVEL VS HD 802075 LSZH MADE IN ITALY 1000 V 75 Ohm ss/aa - m

(ss=week, aa=year) (m=meter marking)

Physical data

Weight of copper conductors	23,60	kg/km
Total weight of cable	70,00	kg/km
Fire Load	800 MJ/km	222 kWh/km

Electrical data

Loop Resistance electrical wires	74	Ohm/km
Sheat Insulation voltage (spark test)	1	kV

Connectors

BNCC3.9C	Series BNC Compression, BNC Compression, for outdoor installation
BNCC501	Series BNC Compression, BNC Compression, for outdoor installation, nitin-plated brass - 35,0 mm x 14,0 mm

ITALIANA CONDUTTORI s.r.l.

Viale Zanotti 90 I - 27027 Gropello Cairoli
 Tel +39-382.815150 Fax +39-0382.814212

Date**29/02/2016****Responsible****Alberto Scardovi**

Description

Outdoor drop coaxial cable - 75 Ohm

LSZH UV resistant security video cable (Screening Class A)

**Data Sheet****VSHD80**

VSHD802075



Ø	0,80	3,50	3,60	4,00	5,00
	(Cu)	(PEG)	(Al/Pet/Al)	(CuSn)	(LSZH)

Construction data

Inner conductor of plain copper	(Cu)	Ø 0,80 ± 0,02	mm
Dielectric of physical foam polyethylene	(PEG)	Ø 3,50 ± 0,10	mm
Aluminium/Polyester/Aluminium tape longitudinally overlapped	(Al/Pet/Al)		
Water repellent sealing (dielectric)	(Jelly1)		
Braid of tinned copper wires	(CuSn)		
Braid optical coverage (IEC 96-1)		65	%
Diameter under Sheath		4,00	mm
Outer sheath of Thermoplastic material - blue (RAL 5015) - halogen-free, low smoke, flame retardant and UV-resistant	(LSZH)	Ø 5,00 ± 0,10	mm
Printed each meter by blue ink-jet :			

CAVEL VS HD 80 LSZH MADE IN ITALY 75 Ohm EN50117-2-5 CEI-UNEL 36762 C-4 (U0 =400V) ss/aa - m

(ss=week, aa=year) (m=meter marking)

Physical data

Weight of copper conductors		11,13	kg/km
Total weight of cable		26,60	kg/km
Minimum bending radius (single/repeated bending)		25/50	mm
Maximum cable pulling strength		90	N
Fire Load	331 MJ/km	92	kWh/km

Electrical data

Characteristic impedance	200 MHz	75 ± 3	Ohm
Capacitance (@1kHz)		52 ± 2	pF/m
Velocity Ratio		85 %	
Inner conductor resistance		35	Ohm/km
Outer conductor resistance		18,60	Ohm/km
Loop resistance		53,60	Ohm/km
Sheat Insulation voltage (spark test)		2,50	kV
Maximum current (I _{eff})		4	A
Maximum Operating Range analog/digital		1000 / 250	m
Structural return loss (SRL)			
5 - 470 MHz	>30 dB		
470 - 1000 MHz	>28 dB		
1000 - 2000 MHz	>26 dB		
2000 - 3000 MHz	>22 dB		

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Date

29/02/2016

Responsible

Alberto Scardovi

Description

Outdoor drop coaxial cable - 75 Ohm

LSZH UV resistant security video cable (Screening Class A)

**Data Sheet****VSHD80**

VSHD802075

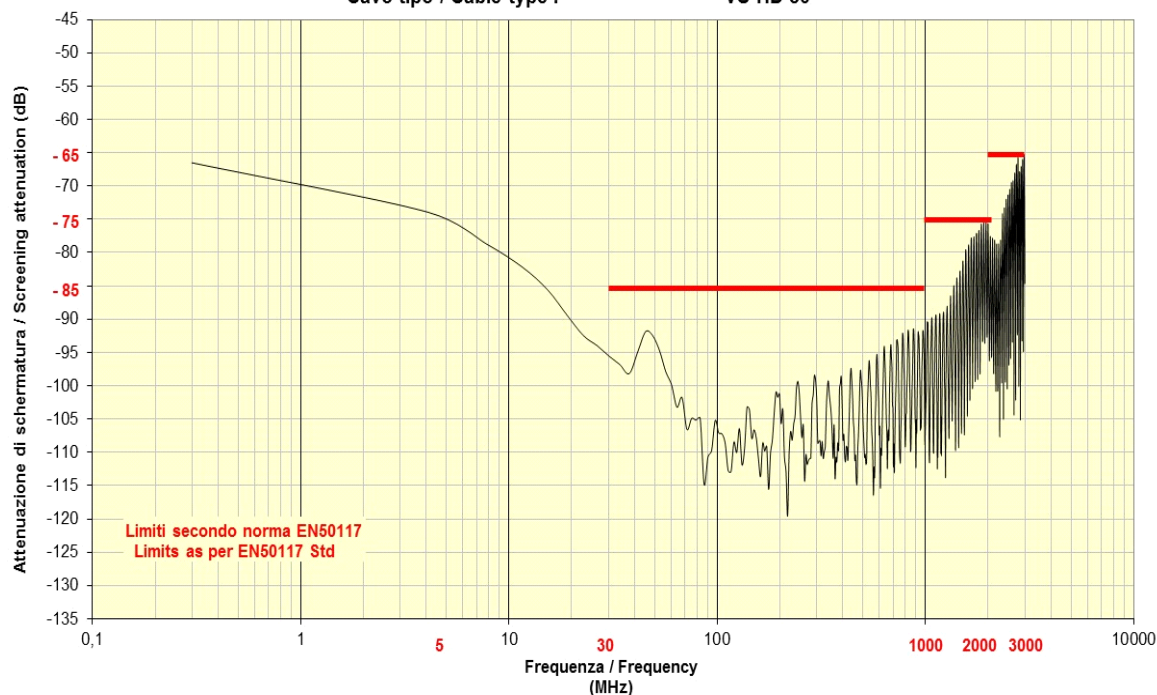
Screening Attenuation (SA)	SA-Class A	Shield Transfer Impedance (Zt)	Zt-Class B
30 - 1000 MHz	>90 dB	5 - 30 MHz	< 9 mΩ/m
1000 - 2000 MHz	>75 dB		
2000 - 3000 MHz	>65 dB		

Attenuation (at 20°C)

Frequency [MHz]	Attenuation [dB/100m]	Frequency [MHz]	Attenuation [dB/100m]
2	1,30	5	2,10
3	1,60	200	11,00
4	1,90	862	23,00

Attenuazione di schermatura / Screening Attenuation**Cavo classe A / A Class Cable**

Cavo tipo / Cable type :

VS HD 80**Connectors****BNCC3.9C**

Series BNC Compression, BNC Compression, for outdoor installation

BNCC501

Series BNC Compression, BNC Compression, for outdoor installation, nitin-plated brass - 35,0 mm x 14,0 mm

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Date**29/02/2016****Responsible****Alberto Scardovi**

DescriptionElectrical wire 0,75 mm²**Data Sheet****CE24**

VSHD802075

24x0,193



Ø

1,00

(Cu)

2,35

(LSZH)

Construction data

Electrical conductor of stranded bare copper wires 0,75 mm ²	(Cu)	24x0,193	Ø 1,00	mm
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Outer sheath of Thermoplastic material - black - halogen-free, low smoke, flame retardant and UV-resistant	(LSZH)		Ø 2,35	mm
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Physical data

Weight of copper conductors	6,20	kg/km
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Total weight of cable	12,00	kg/km
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Electrical data

Conductor resistance @ 20°C	24,70	Ohm/km
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Maximum current (I _{eff})	8	A
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Date

29/02/2016

Responsible

Alberto Scardovi

DescriptionElectrical wire 0,5 mm²**Data Sheet****CE25**

VSHD802075

24x0,193



Ø

1,00

(Cu)

2,35

(LSZH)

Construction data

Electrical conductor of stranded bare copper wires 0,75 mm ²	(Cu)	24x0,193	Ø 1,00	mm
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Outer sheath of Thermoplastic material - red (RAL 3000) - halogen-free, low smoke, flame retardant and UV-resistant	(LSZH)		Ø 2,35	mm
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Physical data

Weight of copper conductors	6,20	kg/km
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Total weight of cable	12,00	kg/km
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Electrical data

Inner conductor resistance	24,70	Ohm/km
----------------------------	-------	--------

Maximum current	8	A
-----------------	---	---

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