

FYOVD2PMU 2x1.57

Direct buried cable for local area networks



APPLICATION

Universal optical fibre cable for duct or direct burial installations. Also for arctic climate when the soil around the cable can be frozen. Extra high crush strength. Crew friendly installation. Rodent protected. Especially for premises networks.

CONSTRUCTION

Optical fibre	Coloured optical single-mode and/or multimode fibres
Secondary coating	A plastic core with a jelly-filled helical channel for the fibres. Spiral Space® design.
Wrapping	The cable core is wrapped longitudinally with swelling tape
Protection	Corrugated steel tape coated with a copolymer of polyethylene on both sides is applied longitudinally with an overlap. Minimum overlap is 3.0 mm. The nominal thickness of the steel tape is 0.15 mm.
Strength members	Two high tensile strength steel wires in the outer sheath. The steel wire diameter is 1.57 mm.
Outer sheath	The cable sheath consists of UV resistant black polyethylene compound. Nominal thickness is 2.4 mm.

PROPERTIES

Temperature range	-45 ... +70 °C
Transport, storage, operation	-15 ... +60 °C
Installation	-15 ... +60 °C
Crush strength	6000 N/100 mm

SSTL code	Type FYOVD2PMU	Draka code	Diameter mm	Allowable short term tension N	Bending radius during installation/installed mm	Mass kg/km	Drum/standard delivery length km
0242304	4 x GKL OM1	L425194	14.0	3500	280/210	180	K16/4
0242306	6 x GKL OM1	L426277	14.0	3500	280/210	180	K16/4
0242308	2 x 4 x GKL OM1	L425195	14.0	3500	280/210	180	K16/4
0242312	2 x 6 x GKL OM1	L426835	14.0	3500	280/210	180	K16/4
0242113	3 x 6 x GKL OM1	L702767	15.0	3500	300/225	205	K12/2
0242314	4 x 6 x GKL OM1	L428389	15.0	3500	300/225	205	K12/2

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SSTL code	Type FYOVD2PMU-Y	Draka code	Diameter mm	Allowable short term tension N	Bending radius during installation/installed mm	Mass kg/km	Drum/standard delivery length km
0242740	4xSML G.652.D +4xGKL OM1	L718864	14.0	3500	280/210	180	K16/4
0242742	4xSML G.652.D +8xGKL OM1	L718865	14.0	3500	280/210	180	K16/4
0242744	8xSML G.652.D +8xGKL OM1	L718866	15.0	3500	300/225	205	K16/4
0242746	12xSML G.652.D +12xGKL OM1	L718867	15.0	3500	300/225	205	K12/2
0242752	24xSML G.652.D +24xGKL OM1	L718870	16.0	3500	320/240	230	K14/2