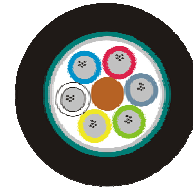


## FZOVDMU-SD

### Direct buried cable



#### APPLICATION

Optical fibre cable for direct burial and duct installations. Suitable for direct burial installation by ploughing pulling or duct installation by pulling. Mid-access property. High fibre counts possible.

#### CONSTRUCTION

Optical fibre	Coloured optical single-mode fibres
Secondary coating	The fibres are placed inside loose tubes made of thermoplastic polyester. The tubes are completely filled with a non-toxic and dermatological safe compound.
Fillers	Solid black plastic fillers
Central element	The central element consists of fibre reinforced plastic (FRP), if applicable covered with a polyethylene layer to fit into the cable core. Water swelling yarns are wrapped around the central element.
Cable core stranding	The required number of tubes or plastic fillers are SZ-stranded around the central element
Wrapping layer	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.
Outer sheath	The cable sheath consists of UV resistant black polyethylene compound. Nominal thickness is 2.2 mm.

#### PROPERTIES

Temperature range	-45 ... +70 °C
Transport, storage, operation	-15 ... +70 °C
Installation	4000 N/100 mm (5000 N/100 mm for 192-fibre cable)
Crush strength	

SSTL code	Type FZOVDMU-SD	Draka code	Diameter mm	Allowable short term tension N	Bending radius during installation/installed mm	Mass kg/km	Drum size/ standard delivery length km
0243010	6xSML G.652.D	L722720	16.0	3500	400/320	210	K18/4
0242701	2x6xSML G.652.D	L722721	16.0	3500	400/320	210	K18/4
0243012	3x6xSML G.652.D	L722722	16.0	3500	400/320	210	K18/4
0240242	4x6xSML G.652.D	L722723	16.0	3500	400/320	210	K18/4
0243014	5x6xSML G.652.D	L722724	16.0	3500	400/320	210	K18/4
0243015	6x6xSML G.652.D	L722725	16.0	3500	400/320	210	K18/4
0242705	8x6xSML G.652.D	L722726	18.0	3500	450/360	260	K20/4
0243017	6x2x6xSML G.652.D	L722727	17.5	3500	430/340	230	K20/4
0242707	8x2x6xSML G.652.D	L722728	19.0	3500	480/380	280	K22/4
0243019	12x2x6xSML G.652.D	L722729	23.0	5000	580/460	410	K22/3
0242709	16x2x6xSML G.652.D	L722730	23.0	5000	580/460	410	K22/3