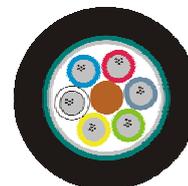


## FZOVDMU-SD

### Direct buried cable



<b>APPLICATION</b>	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.	
<b>CONSTRUCTION</b>	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 Protection	The cable core is wrapped longitudinally with swelling tape 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.
<b>PROPERTIES</b>	Outer sheath	The cable sheath consists of UV resistant black polyethylene compound. Nominal thickness is 2.2 mm.
	Temperature range	
	Transport, storage, operation	-45 ... +70 °C
	Installation	-15 ... +70 °C
	Crush strength	4000 N/100 mm (5000 N/100 mm for 192-fibre cable)

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