

FZOHBMU-SD

Duct cable



APPLICATION

Optical fibre cable for duct installations. Suitable for installation by pulling or air blowing. Mid-access property. Semi-dry construction. 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	The cable core is wrapped longitudinally with swelling tape
Moisture barrier	An aluminium tape coated with a copolymer of polyethylene on both sides is applied longitudinally with an overlap. Minimum overlap is 3.0 mm.
Outer sheath	The cable sheath consists of UV resistant black polyethylene compound. Nominal sheath thickness is 2.0 mm.

PROPERTIES

Temperature range	-45 ... +70 °C
Transport, storage, operation	-15 ... +70 °C
Installation	3000 N/100 mm
Crush strength	

SSTL code	Type FZOHBMU-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
0243050	6xSML G.652.D	L722787	13.0	1500	260/200	130	K14/4
0243051	2x6xSML G.652.D	L722788	13.0	1500	260/200	130	K14/4
0243052	3x6xSML G.652.D	L722789	13.0	1500	260/200	130	K14/4
0243053	4x6xSML G.652.D	L722790	13.0	1500	260/200	130	K14/4
0243054	5x6xSML G.652.D	L722791	13.0	1500	260/200	130	K14/4
0243055	6x6xSML G.652.D	L722792	13.0	1500	260/200	130	K14/4
0243056	8x6xSML G.652.D	L722793	15.0	1700	300/230	170	K18/4
0243057	6x2x6xSML G.652.D	L722794	15.0	1700	300/230	170	K18/4
0243058	8x2x6xSML G.652.D	L722795	17.0	2100	340/260	210	K20/4
0243059	12x2x6xSML G.652.D	L722796	21.5	3200	400/300	320	K22/4
0243060	16x2x6xSML G.652.D	L722797	21.5	3200	400/300	320	K22/4