

## FZOMSU-SD

### Indoor/outdoor cable



<b>APPLICATION</b>	Universal non-metallic optical fibre cable for premises and access networks (drop cable) both indoor (building backbone) and outdoor applications (duct installation). Semi-dry construction with full water-blocking properties and for large temperature range. Stranded loose tube construction with mid-access property.	
<b>CONSTRUCTION</b>	Optical fibre Secondary coating  Fillers Central element  Cable core stranding  Wrapping layer  Sheath	Coloured optical single-mode and/or multimode fibres. The fibres are placed inside loose tubes made of thermoplastic polyester. The tubes are completely filled with a non-toxic and dermatological safe compound. Solid plastic fillers 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. The required number of tubes or plastic fillers are SZ-stranded around the central element. The cable core is wrapped longitudinally with polyester laminated swelling tape. Orange, halogen free, flame retardant and UV resistant plastic compound. Nominal sheath thickness is 1.4 mm.
<b>PROPERTIES</b>	Temperature range Transport, storage, operation Installation Crush strength	-45 ... +70 °C -15 ... +60 °C 3000 N/100 mm

SSTL code	Type FZOMSU-SD	Draka code	Diameter mm	Allowable short term tension N	Bending radius during installation/installed mm	Mass kg/km	Drum/standard delivery length km
0241906	6xSML G.652.D	L720285	10,0	1500	200/120	80	K11/2
0241912	2x6xSML G.652.D	L720140	10,0	1500	200/120	80	K11/2
0241914	4x6xSML G.652.D	L716336	10,0	1500	200/120	80	K11/2
0241924	4x2x6xSML G.652.D	L720052	13,0	1500	260/160	125	K12/2
0241928	8x2x6xSML G.652.D	L711765	15,0	1500	300/180	165	K12/2
0242753	4xGKL OM1	L722889	10,0	1500	200/120	80	K12/2
0242755	2x4xGKL OM1	L722890	10,0	1500	200/120	80	K12/2
0242757	2x6xGKL OM1	L722891	10,0	1500	200/120	80	K12/2
0242759	4x6xGKL OM1	L722892	10,0	1500	200/120	80	K12/2
0242761	4x2x6xGKL OM1	L722893	13,0	1500	260/160	125	K12/2

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0242771	4xSML G.652.D +4xGKL OM1	L722896	10,0	1500	200/120	80	K11/2
0242773	4xSML G.652.D +2x4GKL OM1	L722897	10,0	1500	200/120	80	K12/2
0242775	2x4xSML G.652.D +2x4xGKL OM1	L722898	10,0	1500	200/120	80	K12/2
0242777	2x6xSML G.652.D +2x6xGKL OM1	L722899	10,0	1500	200/120	80	K12/2