

FXMSU

Optical fibre indoor/outdoor cable

Indoor/outdoor cable		5 slots	8 slots
1. Central element, glass fibre	Ø mm	1,5	3,3
2. PP slotted core	Ø mm	6,0	9,5
3. Optical fibres	Ø µm	250	250
4. Aramid binding yarn			
5. Swellable tape, rip cord			
6. UV-protected and halogen free sheath, colour orange			

5 slots

Max
30 fibres

8 slots

Max
48 fibres

● Flame-retardant ● Halogen-free ● Low smoke emission ● Oil resistant (only SHF2)

Cable characteristics		5 slots	8 slots
Tensile strength EN 187000 method 501	N	500	1750
Crush strength / 100 mm (plate) EN 187000 method 504	N	4000	4000
Crush strength / 25 mm (mandrel) EN 187000 method 504	N	650	1000
Impact strength EN 187000 method 505	J	25	30
Min bending radius = during installation/final bending	mm	140/100	260/190
Nominal cable Ø	mm	9,4	13,1
Cable weight	kg/km	75	146

Temperature rating: Fixed installation -45 °C to +70 °C
Minimum recommended installation temperature -15 °C

Fire performance	Flame retardant/fire retardant	IEC 60332-1, IEC 60332-3-22
	Halogenity	IEC 60754-1
	Acidity of combustion gases	IEC 60754-2
	Conductivity of combustion gases	IEC 60754-2
	Smoke emission density	
	Light transmission	IEC 61034-1;2

FXMSU Part number	Cable and number of fibres Max 30 fibres	Diameter of slotted core, mm	Nominal outer diameter mm	Approximate weight kg/km	Minimum bending radius	
					during installation, mm	final installation, mm
10001	FXMSU 1x4 SML (L)	5	9,4	75	140	100
10022	FXMSU 1x6 SML (L)					
10003	FXMSU 2x4 SML (L)					
10024	FXMSU 2x6 SML (L)					
10028	FXMSU 4x6 SML (L)					
14404	FXMSU 1x4 GKL (L)					
14408	FXMSU 2x4 GKL (L)					
14410	FXMSU 3x4 GKL (L)					
14416	FXMSU 4x6 GKL (L)					
14420	FXMSU 1x4 SML+1x4 GKL (L)					
14422	FXMSU 1x4 SML+2x4 GKL (L)					
14424	FXMSU 2x4 SML+2x4 GKL (L)					
14426	FXMSU 1x6 SML+3x4 GKL (L)					
14428	FXMSU 2x6 SML+3x4 GKL (L)					
14384	FXMSU 1x4 OM3L (L)					
14386	FXMSU 2x4 OM3L (L)					
14388	FXMSU 3x4 OM3L (L)					
14398	FXMSU 4x6 OM3L (L)					
14450	FXMSU 1x4 SML + 2x4 OM3L (L)					
14451	FXMSU 2x4 SML + 2x4 OM3L (L)					
14454	FXMSU 1x6 SML + 3x4 OM3L (L)					
14455	FXMSU 2x6 SML + 3x4 OM3L (L)					
14541	FXMSU 1x4 OM4L (L)					
14542	FXMSU 2x4 OM4L (L)					
14543	FXMSU 3x4 OM4L (L)					
14564	FXMSU 4x6 OM4L (L)					
14470	FXMSU 1x4 SML + 2x4 OM4L (L)					
14472	FXMSU 2x4 SML + 2x4 OM4L (L)					
14474	FXMSU 1x6 SML + 3x4 OM4L (L)					
14476	FXMSU 2x6 SML + 3x4 OM4L (L)					
14478	FXMSU 4x6 SML + 4x6 OM4L (L)					
10016	FXMSU 8x6 SML (L)	8	13,1	146	260	190
14219	FXMSU 8x6 GKL (L)					
14244	FXMSU 4x6 SML+4x6 GKL (L)					
14256	FXMSU 8x6 OM3L (L)					
14264	FXMSU 4x6 SML + 4x6 OM3L (L)					
14568	FXMSU 8x6 OM4L (L)					

Other fiber combinations on request.

Part number for oil resistant SHF2 cable:

4 + code from above table → 4xxxxx