


# FXMSU Optical fibre indoor/outdoor cable



**Cable construction:** (for example FXMSU 2x6 SML + 3x4 GKL)

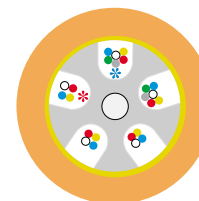
1. Central element glass fibre, 1,5 mm
2. PP-slotted core, 6,0 mm
3. Optical fibres, 250 µm
4. Swellable tape
5. Rip cord
6. UV-protected and halogen free sheath

Flame-retardant	<input checked="" type="checkbox"/>
Fire-resistant	<input type="checkbox"/>
Halogen-free	<input checked="" type="checkbox"/>
Low smoke emission	<input checked="" type="checkbox"/>

- non-metallic
- networks in shipboard applications
- Fibres: 250 µm SM or MM fibres
- 4 - 48 fibres

**Cable characteristics:** (for example FXMSU 2x6 SML + 3x4 GKL)

Maximum pulling force	500 N	EN 187000 method 501
Crush strength / 100 mm (plate)	4000 N	EN 187000 method 504
Crush strength / 25 mm (mandrel)	650 N	EN 187000 method 504
Impact strength	30 J	EN 187000 method 505
Sheath marking	Cable type, manufacturer, man. no., man. time, length marking in m.	
Minimum bending radius	140 mm during installation, 100 mm in final bending	
Nominal cable diameter	9.4 mm	
Cable weight	75 kg/km	
Minimum installation temperature	-15 °C	
Operating temperature range	-45...+70 °C	
Longitudinal water tightness	EN 187000 method 605B	
Flame-retardant	<b>IEC 60332-1-2</b>	-test for single insulated wire and cable
	<b>IEC 60332-3-22</b>	-test for bunched wires and cables, category A
Halogen-free	<b>IEC 60754</b> series	
Smoke emission	<b>IEC 61034</b> series	



\*. Slotted core cables have blue and red marker threads for the first and last slot respectively.

For details see general information section