



FK48 Multi-fiber Cable Single-Mode 48 fibers, Dca Euroclass and UV- resistant LSFH, indoor/outdoor

48-fiber cable with UV-resistant LSFH sheath for indoor and outdoor installation. Divided in 6 micro-modules of 8 fibers each, each with its own LSFH sheath and different colour. This provides a better organization and makes identification easier. Includes water-blocking gel in each micromodule, providing a physical barrier that prevents water from spreading inside the cable. This prevents changes in the optical refractive index and avoids ice formation in freezing environments, reducing damage caused by moisture freezing.

The reference 231714 is supplied per metre.

Ref.	231714
Logical ref.	OSK48-250
EAN13	8424450203323

Other features

Colour	Orange
Length	1.00 m

Packaging info

Film	1 m
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Physical data

Net weight	45.00 g
Gross volume	0.13 dm ³
Gross weight	45.00 g
Width	8.00 mm
Height	1,000.00 mm
Depth	8.00 mm

**Main product
weight**

45.00 g

Highlights

- Dca-s2,d2,a1 Euroclass
- Low attenuation
- Organized in fiber micro-modules
- Blocking jelly, offering great protection against water
- Good structure reinforcement using aramid fibers, which allows to maintain its traction without the need for a central guiding wire for resistance
- 9/125, ITU-T G.657.A2 fiber type
- Ripcord to open the outer sheath
- UV-resistant LSFH sheath, orange colour

Technical specifications : Ref. 231714

Euroclass			Dca
Euroclass: Smoke Production			s2
Euroclass: Flaming droplets			d2
Euroclass: Acidity			a1
Fiber core type			Single-mode (ITU-T-G.657A2)
Fiber core diameter	µm		9
Fiber cladding diameter	µm		125
Coating buffer diameter	µm		250
Cable structure			Tight buffer
Plastic buffer diameter	in		0.043
Outer sheath Diameter	in		0.299
Outer sheath Material			LSFH, UV-resistant
Blocking jelly			Yes
Attenuation 1310nm	dB/km		< 0.4
Attenuation 1490nm	dB/km		< 0.4
Attenuation 1550nm	dB/km		< 0.3
Short tension	N		1000
Structure reinforcement element			Aramid fibers
Short crush (@100mm)	N		1000
Long crush (@100mm)	N		750
Minimum bending radius	in		2.992
Operating temperature	°F		23 ... 140