FK24 Multi-fiber Cable Single-Mode 24 fibers, Dca Euroclass and UV-resistant LSFH, indoor/outdoor



24-fiber cable with UV-resistant LSFH sheath for indoor and outdoor installation. Divided in 6 micro-modules of 4 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 231614 is supplied per metre.

Ref.	231614
Logical ref.	OSK24-250
EAN13	8424450203309

Other features	
Colour	Orange
Length	1.00 m

Packaging info	
Film	1 m

Physical data	
Net weight	39.00 g
Gross volume	0.13 dm³
Gross weight	39.00 g
Width	8.00 mm
Height	1,000.00 mm
Depth	8.00 mm
Main product weight	39.00 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. 231614

Euroclass		Dca
Euroclass: Smoke Production		s2
Euroclass: Flaming droplets		d2
Euroclass: Acidity		a1
Number of fibers		24
Fiber core type		Single-mode (ITU-T-G.657.A2)
Optical fiber type category		OS2
Fiber core Diameter	µm	9
Fiber cladding Diameter	µm	125
Coating buffer Diameter	µm	250
Cable structure		Tight buffer
Plastic buffer diameter	in	0.033
Outer sheath Diameter	in	0.299
Outer sheath Material		LSFH, UV-resistant
Blocking jelly		Yes
Optical fiber attenuation: 1310nm	dB/km	< 0.4
Optical fiber attenuation: 1490nm	dB/km	< 0.4
Optical fiber 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