



Shielded optical fiber patch cord FC/APC-SC/APC, Single-mode (SM), UV-resistant LSFH Outdoor

Single-mode (SM) pre-connectorised fibre optic patch cord with FC/APC connector at one end and SC/APC at the other end, for connecting elements of a network. Can be used as an adapter between devices with different connectorisation.

Has a stainless steel armored flexible tube enclosing the fibre, and a tensile protective aramid mesh and a UV-resistant LSFH sheath.

Thanks to the stainless steel shielding, it is perfect for use outdoors and even underground, as it is specially designed to withstand adverse weather conditions and rodent attacks.

These patch cords have been specially designed to connect the elements of the Overlight solution, due to the type of connectors and their long length.

Ref.	236128
Logical ref.	OSK50SCFC
EAN13	8424450323663

Other features

Colour	Grey
Length	50.00 m

Physical data

Net weight	518.00 g
Gross volume	3.00 dm ³

Packaging info

Bag 1 Units

Gross weight 526.00 g

Width 3.00 mm

Height 50,000.00 mm

Depth 3.00 mm

Main product weight 518.00 g

Highlights

- Low attenuation
- Aramide fibers protection and flexible stainless steel tube
- Outstanding durability: It incorporates a flexible stainless steel shielding that provides excellent mechanical resistance, and protects the fiber against any type of physical aggression: impacts, pulling, treading...

Technical specifications : Ref. 236128

Fiber core type		Single-mode (ITU-T-G.657.A2)
Fiber core diameter	µm	9
Fiber cladding diameter	µm	125
Coating buffer diameter	µm	250
Cable structure		Tight buffer
Plastic buffer diameter	mm	0.9
Outer sheath Diameter	mm	3
Outer sheath Material		LSFH, UV-resistant
Blocking jelly		No
Attenuation 1310nm	dB/km	< 0.4
Attenuation 1490nm	dB/km	< 0.3
Attenuation 1550nm	dB/km	< 0.3
Insertion losses in connector 1	dB	< 0.5
Insertion losses in connector 2	dB	< 0.5
Return losses in connector 1	dB	> 60
Return losses in connector 2	dB	> 60
Optical connector type 1		SC
Polishing type (Optical connector 1)		APC
Optical connector type 2		FC
Polishing type (Optical connector 2)		APC
Cable length	m	50
Short tension	N	440
Structure reinforcement element		Aramid fibers and flexible stainless steel tube
Short crush (@100mm)	N	1000
Minimum bending radius	mm	30
Operating temperature	°C	-20 ... 70