



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

Single-mode (SM) optical fiber patch cord, Pre-terminated on one end with an SC/APC connector and with an FC/UPC connector on the other; it can thus be used as an adapter for devices with different connectorization. Equipped with a shielded stainless steel tube covering the fiber as well as a traction protective aramid mesh and an LSFH ultraviolet radiation-resistant 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, impacts and pulling. Supplied in individual packing.

Ref.	236121
Logical ref.	OSM1SCAFCPC
EAN13	7321411024342

Other features

Colour	Grey
Length	1.00 m

Packaging info

Physical data

Net weight	18.00 g
Gross weight	19.00 g
Width	170.00 mm
Height	140.00 mm
Depth	10.00 mm

Bag	1 pcs.	Main product weight	18.00 g
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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...
- G.657A2 fiber type
- LSFH cover with UV protection, grey colour
- SC/ACP-FC/UPC connectors
- Available in different lengths

Technical specifications : Ref. 236121

Fiber core type		Single-mode (ITU-T-G.657A2)
Fiber core diameter	µm	9
Fiber cladding diameter	µm	125
Plastic buffer diameter	mm	0.9
Outer sheath Diameter	mm	3
Outer sheath Material		LSFH
Attenuation 1310nm	dB/km	< 0.4
Attenuation 1490nm	dB/km	< 0.4
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	> 50
Optical connector type 1		SC
Polishing type (Optical connector 1)		APC
Optical connector type 2		FC
Polishing type (Optical connector 2)		UPC
Short tension	N	440
Structure reinforcement element		Aramid fibers and flexible stainless steel tube
Long crush (@100mm)	N	1000
Minimum bending radius	mm	30
Operating temperature	°C	-20 ... 70