

Steel-reinforced patch cable with PE outer jacket

Connecting fiber-optic cable with 6 μm core diameter for optical SG chains

Characteristic features

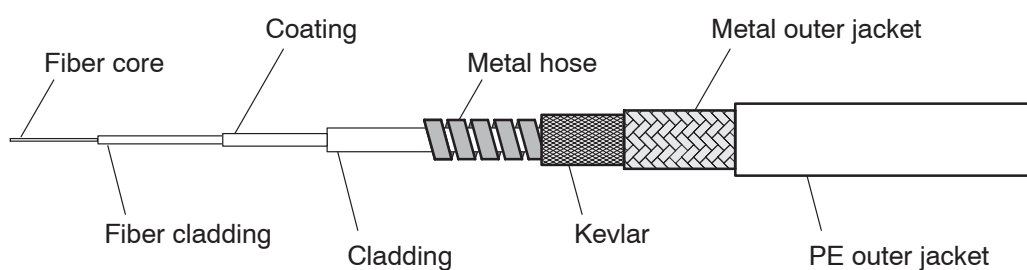
- Monomode fiber-optic cable
- Low insertion loss
- Adapted to optical HBM technology, identical optical properties
- High tensile and impact resistance
- Optical plug on both cable ends for direct connection in optical sockets

Options

- Special lengths (max. 100 m) on request



Principal layout



Specifications

Design		Monomode fiber-optic cable with cladding of distributed Kevlar fibers, mechanical PE outer jacket and 2 connectors
Color of outer jacket		black
Available lengths	m	5 / 20
Core diameter of glass fiber, approx.	μm	6
Diameter of fiber cladding, approx.	μm	125
External diameter of coating, approx.	μm	195
External diameter of cladding, approx.	mm	0.9
Diameter with PE outer jacket, approx.	mm	3.3
Connection (plug) ¹⁾		FC/APC
Specific damping at 1550nm	dB/km	8.6
Maximum tensile load	N	> 300
Reference temperature	°C	23
Operating temperature range	°C	-40 ... +85
Storage temperature range	°C	-50 ... +85
Minimum radius of curvature	mm	50
Weight (cable without plug)	kg/km	28

¹⁾ Customer-specific versions on request.

Scope of delivery

Order number	Description
1-OPT-PCOMF05ARM	Monomode fiber-optic cable with cladding of distributed Kevlar fibers, mechanical PE outer jacket and 2 connectors, 5 m long
1-OPT-PCOMF20ARM	Monomode fiber-optic cable with cladding of distributed Kevlar fibers, mechanical PE outer jacket and 2 connectors, 20 m long

Subject to modifications.
All product descriptions are for general information only. They are not to be understood as a guarantee of quality or durability.

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