

Patch cable with low coupling loss

Extension cable for
optical strain gauge
chains



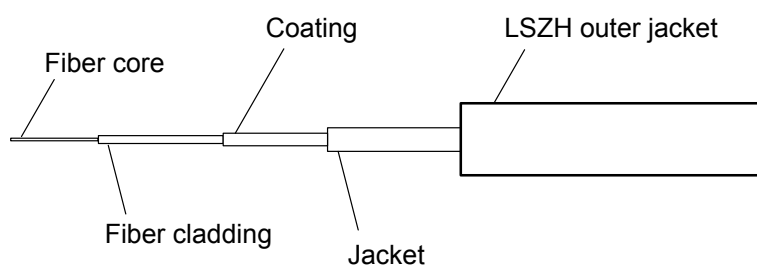
Characteristic features

- Monomode fiber-optic cable
- Low insertion loss
- Adapted to optical HBM technology, identical optical properties
- Metal-free mechanical LSZH outer jacket
- Optical plug on both cable ends for direct connection in optical sockets

Options

- Special lengths (max. 100 m) on request

Principal layout



Specifications

Construction		Monomode fiber-optic cable with LSZH outer jacket and plug
Available lengths	m	5 / 20
Core diameter of glass fiber, approx.	μm	6
Diameter of fiber cladding, approx.	μm	125
Outer diameter of coating, approx.	μm	195
Outer diameter of jacket, approx.	mm	0.9
Diameter with LSZH outer jacket, approx.	mm	2.8
Connection (plug) ¹⁾		FC/APC
Damping at 1550nm	dB/km	8.6
Maximum tensile load	N	250
Reference temperature	°C	23
Operating temperature range	°C	-40 ... +80
Storage temperature range	°C	-40 ... +85
Minimum radius of curvature	mm	50
Weight (cable without plug)	kg/km	8

¹⁾ Customer-specific versions on request.

Scope of delivery

Order number	
1-OPT-PCOMF05LSZH	Monomode fiber-optic cable with LSZH outer jacket and plug, 5m long
1-OPT-PCOMF20LSZH	Monomode fiber-optic cable with LSZH outer jacket and plug, 20m long

Modifications reserved.

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