

# Pigtail

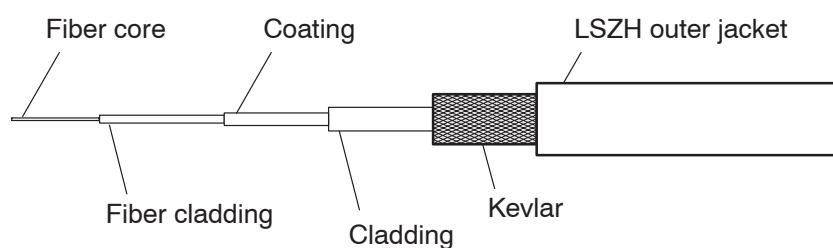
Connecting fiber-optic cable with 9  $\mu\text{m}$  core diameter for optical SG chains



## Characteristic features

- Monomode fiber-optic cable
- Low specific damping
- Mechanical outer jacket
- Optical plug on one end of the cable

## Principal layout



## Specifications

Design		Monomode fiber-optic cable with cladding of distributed Kevlar fibers, mechanical external LSZH outer jacket and 1 connector
Color of outer jacket		yellow
Length	m	1.5
Core diameter of glass fiber, approx.	μm	9
Diameter of fiber cladding, approx.	μm	125
External diameter of coating, approx.	μm	245
External diameter of cladding, including the Kevlar fiber, approx.	mm	0.9
Diameter with LSZH outer jacket, approx.	mm	2.9
Connection (plug) <sup>1)</sup>		FC/APC
Specific damping at 1550nm	dB/km	< 0.2
Reference temperature	°C	23
Operating temperature range	°C	−40 ... +80
Storage temperature range	°C	−40 ... +85
Minimum radius of curvature	mm	50
Weight	g	50

<sup>1)</sup> Optical plug on one side, the other side can be connected to a fiber-optic section or sensor via a splice connection. Customer-specific versions on request.

## Scope of delivery

Order number	Description
1-OPT-PIGTAIL	Monomode fiber-optic cable with cladding of distributed Kevlar fibers, mechanical external LSZH outer jacket and 1 connector, 1.5 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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