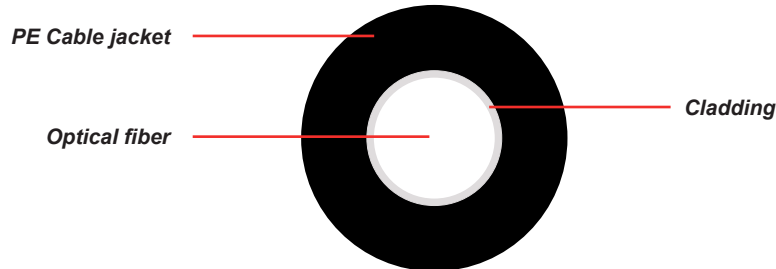


**Polymer Optical Fiber Cable 980/1000µm simplex with PE Jacket**



Pic. 1 Optical Fiber Cable

**1 Features**

- quick and simple connectorizing
- direct connector assembly
- Polymer optical fiber cable simplex
- 980µm PMMA fiber
- 1000µm Cladding
- halogen-free
- resistant to oil, petrol, acid and leach

**2 Applications**

- for installations indoors
- for applications with a simple mechanical demand
- for direct connector assembly

**3 Ordering Information**

Type	Order number
POF-Kabel simplex 980/1000µm	93FIPE010000201SW-AA

**2 Technical Data**

Dimensions	Core diameter Cladding diameter Cable diameter	980 µm 1000 µm ± 60 µm 2.2 mm
Material	Cable jacket	PE black
Weight		3.8 kg/km
Bending radius	In service short-term during installation	25 mm 25 mm
Repeated bending		10,000 Cycles
Tensile strength	In service short-term during installation	5 N 15 N
Crush resistance	In service short-term during installation	40 N/dm 300 N/dm
Thermal characteristics	Transport and storage During installation In service	-55°C to +85°C -5°C to +50°C -55°C to +85°C
Attenuation	@ 650 nm (Laser) @ 660 nm (LED)	< 160 dB/km < 230 dB/km
Bandwidth	@ 650 nm	> 40 MHz x 100m
Numerical aperture		0.485
Type designation		I-V2Y 1P980/1000
Standards	Fiber Cable	IEC 60793-2-40 A4a.2 IEC 60794-2-41

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