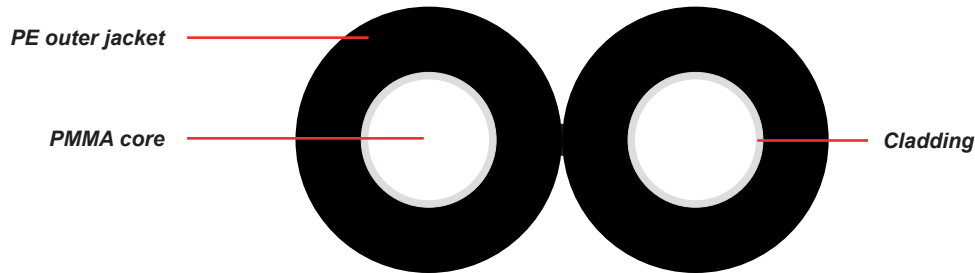


**Plastic Optical Fiber (POF)-Cable 980/1000µm duplex, PE Jacket**



Pic. 1 Construction

**1 Features**

- simple and quick connectorizing, direct connector assembly
- Plastic optical fiber duplex
- 980µm fiber core PMMA
- 1000µm fiber cladding
- halogen-free (acc. IEC 60754-1)
- acidity of the combustion gases (acc. IEC 60754-2)

**3 Applications**

- ideal for indoor applications

**4 Ordering information**

Model	Part number
POF cable duplex	93FIPE010000402SW-CA

**2 Technical data**

Dimensions	core diameter cladding diameter cable diameter	980µm 1000µm 2.2mm x 4.4mm
Material/colour	outer jacket	PE black
Weight	nominal	8.0 kg/km
Bending radius	over flat side (static) acc. IEC 60794-1-2 E11A	25mm
Tensile force (acc. IEC 60794-1-2 E1)	long-term short-term	max. 10 N max. 20 N
Crush resistance (acc. IEC 60764-1-2 E3)	long-term short-term	40N/dm 300N/dm
Thermal properties	Transport and storage Installation In use (acc. IEC 60794-1-2 F1)	-55°C to +85°C -5°C to +50°C -55°C to +85°C
Attenuation	@ 650nm (LED) @ 660nm (Laser)	≤ 160 dB/km ≤ 230 dB/km
Numerical aperture		0.485 ± 0.045
Type		I-V2Y 2P980/1000

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