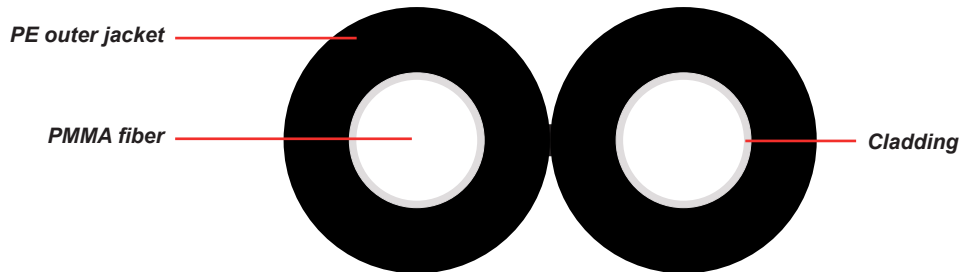


Polymer Optical Fiber cable (POF) 980/1000µm, duplex, free of halogen,
PE outer jacket, UL approved, UL-Style No.: 5292; (VW-1, 80°C)



Pic. 1 Cable cross-section with description

1 Features

- quick and simple connectorizing
- direct connectorizing
- Polymer Optical Fiber simplex
- 980µm PMMA fiber core
- 1000µm cladding
- flame retardant and free of halogen
- PE outer jacket
- UL 5292 VW-1, 80°C, E116331

3 Application

- for indoor installation

4 Ordering information

Specification
POF cable duplex

Part number
903IP00102009

2 Technische Daten

Dimensions	Core diameter Cladding diameter Outer diameter cable	980µm 1000µm +/- 60µm 2.2mm +/-0.1mm x 4.35 +/-0.2mm
Material / colour	Outer jacket	flame retardant PE black, dotted line blue
Min. bending radius	L=2m, 90° bending of the middle of fiber, light source LED (peak wavelength = 657nm), transmission rate ≥ 90%	30mm
Max. pull force	Greiferabstand 100mm, Zuggeschwindigkeit 100/min	≤ 180 N
Elongation at break point		≤ 90%
Thermal properties		-55°C to +80°C
Max. attenuation	Monochromatic light @ 650nm, LNA=0.15; 52-2m Cut-back method	0.16 dB/m
Numerical aperture		0.50
Type		I-V2Y 2P980/1000

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