

PSM-LWL-KDL-980/1000 Polymer Fiber Optic Cable

Polymer Fiber Optic Cable light-weight version for indoor installation

Order No.: 27 99 28 3



Fig. 1

1. Technical Data

Fiber

Type	980/1000 μm , step index fiber
Material	PMMA
Attenuation at 650 nm	≤ 160 dB/km (monochromatic)
660 nm	≤ 230 dB/km (LED)

Single Core

Material	polyethylene (PE)
Color	black
Diameter	4.4 mm x 2.2 mm
Short description	CA-1D2Y2P 980/1000 160A
Marking	abrasion-resistant marking for individual wires

Weight

7.8 kg/km

Temperature range

when installed	+ 5 °C to + 50 °C
in operation	-20 °C to + 70 °C
in storage	-40 °C to + 80 °C

Mechanic Properties

Bending radius	short-term	min. 20 mm
	long-term	min. 30 mm
Tensile strength	short-term	max. 40 N
	long-term	max. 10 N
Lateral pressure	short-term	max. 60 N/cm
	long-term	max. 10 N/cm

2. Material Properties

Chloroform test

free from substances impairing the paint-wetting performance
in acc. with VW-Audi-Seat central standard 57 650
DIN VDE 0472, Part 813

Halogen-free

3. Structure

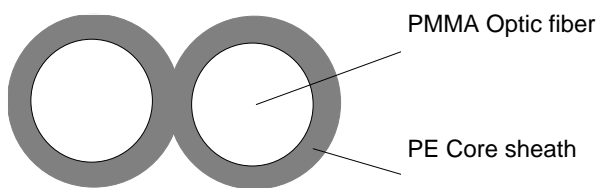


Fig. 2

4. Recommended Plug:

Phoenix Contact

Type designation: PSM-SET-FSMA/4-KT

Order No.: 27 99 720