

Plastic Fiber-Optic Cable

Through-Beam Mode

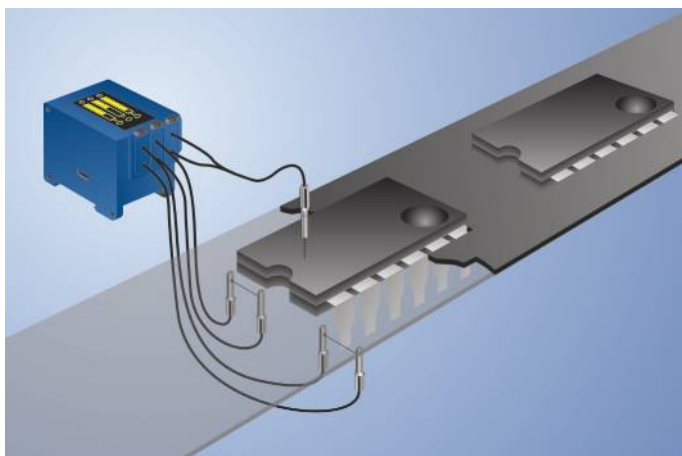
K16

Part Number



- Especially suitable in applications where only minimal space is available
- Fiber-optic cable can be cut to length by the cutting tool

The plastic fiber-optic cables are very flexible and can be especially used in applications where minimal space is available. Plastic fiber-optic cables are provided in standard length of 2 meters. Special lengths up to 50 meters are available as well. Plastic fiber-optic cables can be cut to length by the user with the help of the cutting tool Z0015.



Technical Data

Optical Data	
Fiber Core Diameter	1 mm
Fiber Core	PMMA
Fiber	Step Index
Fiber Distribution	parallel arrangement
Range with Sensor Type	350 mm
Range with LA27	1400 mm
Range with LA27 (2 pieces)	2800 mm
Opening Angle	55 °
Light Spot Diameter with LA27	see Table 1
Mechanical Data	
Temperature Range	-40...85 °C
Bending Radius	20 mm
Fiber-Optic Length	2 m
Jacket Material	PE (black)
Material End Sleeve	Stainless Steel
Jacket Diameter	2,2 mm
Light Emission	straight

Suitable Mounting Technology No.

310

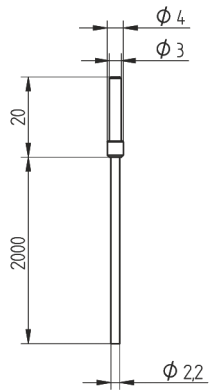
Table 1

Range	10 mm	20 mm	30 mm
Light Spot Diameter	1 mm	2 mm	4 mm

Complementary Products

Lens LA27

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All dimensions in mm (1 mm = 0.03937 Inch)

