

# 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

## 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

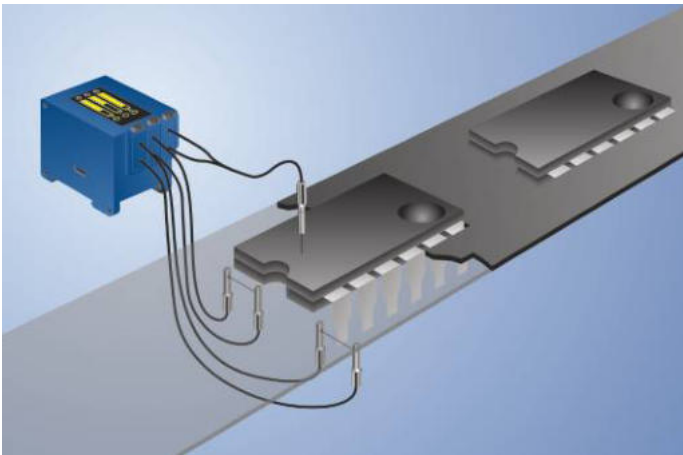
Table 1

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

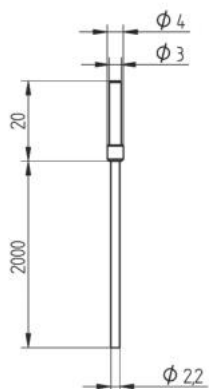
## Complementary Products

Lens LA27

Plastic fiber-optic cables are very flexible and suitable for use in confined spaces. The fiber optics are supplied in 2 m lengths. Special lengths of up to 50 m are possible. Users can shorten the fiber optics using the Z0015 cutting tool.



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All dimensions in mm (1 mm = 0.03937 Inch)

