

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	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 L	2 m
Jacket Material	Plastic, PE
Fiber Optic Material	Plastic, PMMA
Material End Sleeve	Stainless steel, V2A (1.4305 / 303)
Jacket Diameter	2,2 mm
Light Emission	straight
Packaging unit	1 Piece

Suitable Mounting Technology No.

310

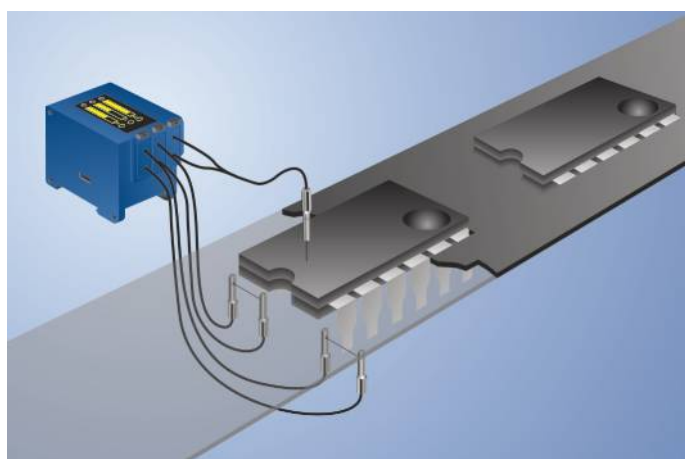
Table 1

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

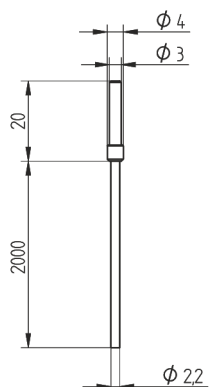
Complementary Products

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.



K16



All dimensions in mm (1 mm = 0.03937 Inch)

