

Plastic Fiber-Optic Cable

Through-Beam Mode

FTS06-2M-10HF

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 P1XD0xx	370 mm
Range P1XD10x/11x	500 mm
Range P1XD12x/13x	420 mm
Range P1XD2xx red light	430 mm
Range P1XD2xx blue light	560 mm
Range P1XD2xx pink light	600 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	
Cable type	High-flex
Temperature Range	-40...60 °C
Bending Radius	2 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)
End sleeve shape	Standard
Jacket Diameter	2,2 mm
Light Emission	straight
End Sleeve No.	FTS06
Packaging unit	2 Pieces
Scope of delivery	1 × Z0015 cutting tool 2 × fiber-optic cables

Suitable Mounting Technology No.

310

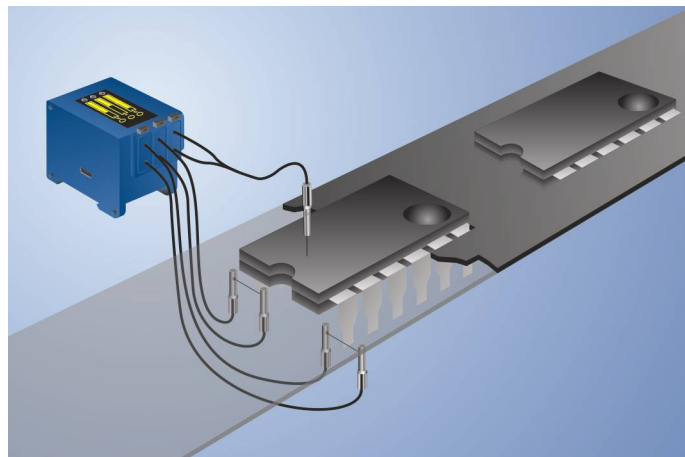
Table 1

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

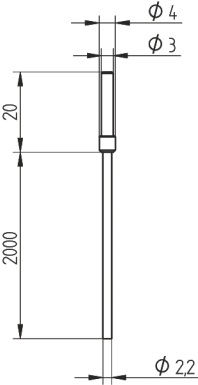
Complementary Products

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)

