

PIT46U

▶ INLINE FIBER OPTICS



Plastic Fiber, Opposed Mode
Core Dia.: 1 mm; Fiber Length 2 m
Thread
Free cut
Part Number: 26034



COMPATIBLE AMPLIFIERS

Where applicable, maximum range for opposed mode fibers is also dependent on fiber length.



DF-G1 Series General Purpose Fiber Optic Amplifier
Fiber amplifier with IO-Link capability ideal for general purpose and error proofing. Has simple set-up and configuration. Output: NPN or PNP.



DF-G2 Series High Speed Fiber Optic Amplifier
Fiber amplifier with IO-Link capability for high speed (10 μ s) for applications like part counting or registration mark detection. Output: NPN or PNP.



DF-G3 Series Long Range Fiber Optic Amplifier
Fiber amplifier with IO-Link capability for detection up to 6 m, precise positioning, and water detection. Output: analog, discrete, dual discrete.



SPECIFICATIONS


Housing Style	Round
Quantity Included	2
Fiber Optic Type	Plastic
Sensing Mode (General)	Opposed

Sensing Mode (Detailed)	Reflective
Beam Exit	In-line
Sensing End Material (Specific)	Nickel-Plated Brass
Fiber Sheathing Material (Jacket)	Polyethylene
Fiber Sensing End Tip	Thread
Fiber Length (m)	2
Fiber Sensing End Size	M2.5
Sensing End Segment 1	Thread
Sensing End Segment 2	Thread
Retractable	No
Flex Relief	No
Core Diameter (mm)	1
Minimum Bend Radius (mm)	25
Termination	Free Cut
Max Temp (°C)	70
Minimum Repeat Bending Endurance	10000
Integrated Lens	No
Application: Liquid Level	No
Application: Vacuum Feed Through	None
Termination Type	Plastic Fiber Sensors
Max Distance: DF-G3 (mm)	No Data
Fiber Sensing End Size - Mounting Area	M4
Measured Max Distance (mm)	No Data
Max Distance: DF-G2 (mm)	No Data
Tariff Fiber Meters (fbm)	4
Max Distance: DF-G1 (mm)	No Data

COMPATIBLE PRODUCTS

BRACKETS

	<p>SMBFP4</p> <p>SMBFP4 MOUNTING BRACKET</p>
	<p>SMBFP4N</p> <p>SMBFP4N MOUNTING BRACKET</p>

	<p>PFK-B</p> <p>Plastic Fiber Kit Contains qty. 2 p/n 13443 Sensor Adapters 40 mil and qty. 2 p/n 116232 Sensor Adapters 20 mil</p>
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