



## PBT26U

### ▶ INLINE FIBER OPTICS



Plastic Fiber, Diffuse Reflective

Core Dia.: 0.5 mm; Fiber Length 2 m

Thread

Free cut

Part Number: 26080



### 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  $\mu$ 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.

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**SPECIFICATIONS**


<b>Housing Style</b>	Round
<b>Quantity Included</b>	1
<b>Fiber Optic Type</b>	Plastic
<b>Sensing Mode (General)</b>	Diffuse
<b>Sensing Mode (Detailed)</b>	Reflective
<b>Beam Exit</b>	In-line
<b>Sensing End Material (Specific)</b>	Nickel-Plated Brass
<b>Fiber Sheathing Material (Jacket)</b>	Polyethylene
<b>Fiber Sensing End Tip</b>	Thread
<b>Fiber Length (m)</b>	2
<b>Fiber Sensing End Size</b>	M3
<b>Sensing End Segment 1</b>	Thread
<b>Retractable</b>	No
<b>Flex Relief</b>	No

<b>Core Diameter (mm)</b>	0.5
<b>Minimum Bend Radius (mm)</b>	10
<b>Termination</b>	Free Cut
<b>Max Temp ( °C)</b>	70
<b>Minimum Repeat Bending Endurance</b>	10000
<b>Integrated Lens</b>	No
<b>Application: Liquid Level</b>	No
<b>Application: Vacuum Feed Through</b>	None
<b>Termination Type</b>	Plastic Fiber Sensors
<b>Tariff Fiber Meters (fbm)</b>	<b>Cookies</b>
<b>Max Distance: DF-G1 (mm)</b>	By accepting cookies, we give you the best experience throughout our site, including access to My Account, My Library, and My Wish List.
<b>Measured Max Distance (mm)</b>	To learn more, visit our <a href="#">privacy policy</a> . No Data
<b>Max Distance: DF-G3 (mm)</b>	No Data
<b>Max Distance: DF-G2 (mm)</b>	No Data
<b>Fiber Sensing End Size - Mounting Area</b>	M3

**COMPATIBLE PRODUCTS**

**BRACKETS**

	<p><b>SMBFP3</b></p> <p>SMBFP3 MOUNTING BRACKET</p>
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	<p><b>PFK-B</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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