



## BF13S

### ► HIGH TEMPERATURE FIBER OPTICS



Diffuse Mode Bifurcated Glass Fiber 36 long  
0.062 dia. Bundle  
Stainless Steel Sheath  
Ferruled sensing tip 0.5 long  
Part Number: 17227

### COMPATIBLE AMPLIFIERS

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



#### **Q45 Series Rugged Fiber Optic Amplifier**

Rugged IP67 amplifier with output timing logic can be paired with glass or plastic fiber optics. DC, AC, Universal voltage models.



### R55F Series Color Contrast Fiber Optic Sensors

Color contrast fiber optic sensor detects 16 levels of grayscale for registration mark detection. Choose infrared or 1 of 4 visible beam colors.

## SPECIFICATIONS

<b>Housing Style</b>	Round
<b>Quantity Included</b>	1
<b>Fiber Optic Type</b>	Glass
<b>Sensing Mode (General)</b>	Diffuse
<b>Sensing Mode (Detailed)</b>	Reflective
<b>Beam Exit</b>	In-line
<b>Sensing End Material (Specific)</b>	Stainless Steel
<b>Fiber Sheathing Material (Jacket)</b>	Stainless Steel Monocoil
<b>Fiber Sensing End Tip</b>	Ferrule
<b>Fiber Length (m)</b>	0.914
<b>Fiber Sensing End Size</b>	4.8 mm
<b>Sensing End Segment 1</b>	Ferrule
<b>Retractable</b>	No
<b>Flex Relief</b>	No
<b>Core Diameter (mm)</b>	1.6

<b>Minimum Bend Radius (mm)</b>	25
<b>Termination</b>	Terminated
<b>Max Temp ( °C)</b>	249
<b>Integrated Lens</b>	No
<b>Feature: Chemical Resistant</b>	No
<b>Feature: Small Object Detection</b>	No
<b>Application: Liquid Level</b>	No
<b>Application: Vacuum Feed Through</b>	None
<b>Termination Type</b>	Glass Fiber Sensors
<b>Measured Max Distance (mm)</b>	No Data
<b>Fiber Sensing End Size - Mounting Area</b>	7.4 mm
<b>Max Distance: DF-G3 (mm)</b>	No Data
<b>Max Distance: DF-G2 (mm)</b>	No Data
<b>Max Distance: DF-G1 (mm)</b>	No Data
<b>Tariff Fiber Meters (fbm)</b>	739.43



Banner Engineering Corp. | 9714 Tenth Avenue North | Minneapolis, MN 55441 | United States of America

