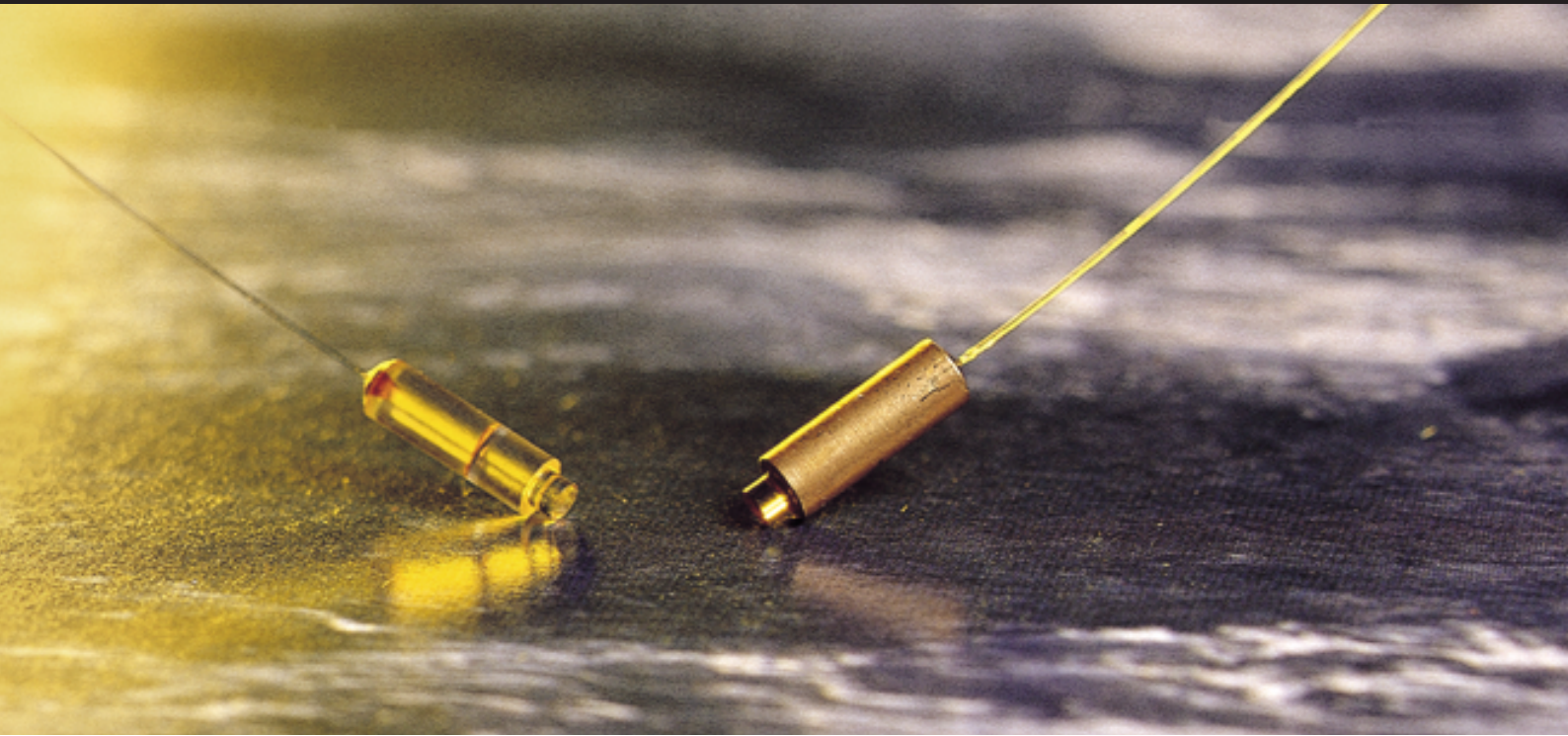


1310,1550

Fiber Collimator

E01-0002-1.3



DESCRIPTION

Browave provides high quality Fiber Collimators. It collimates beam from fiber tip, or couples a collimated beam to single mode fiber. The highly reliable fiber collimators with the low insertion loss, high return loss and very small beam divergence angle. Browave produces a variety of standard and OEM fiber collimators.

FEATURES

- ▶ Low insertion loss
- ▶ High return loss
- ▶ Compact size
- ▶ Optical path epoxy free
- ▶ Environmentally stable
- ▶ Bellcore compliant

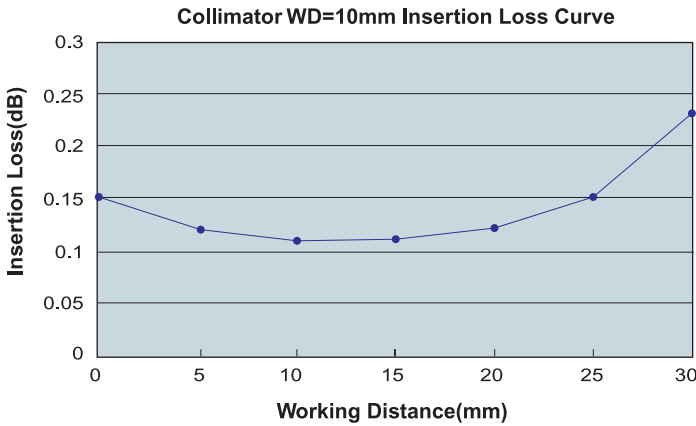
APPLICATIONS

- ▶ Isolators
- ▶ DWDM
- ▶ Circulators
- ▶ Optical Switches
- ▶ Hybrid optics
- ▶ Measurement systems
- ▶ Signal Processing

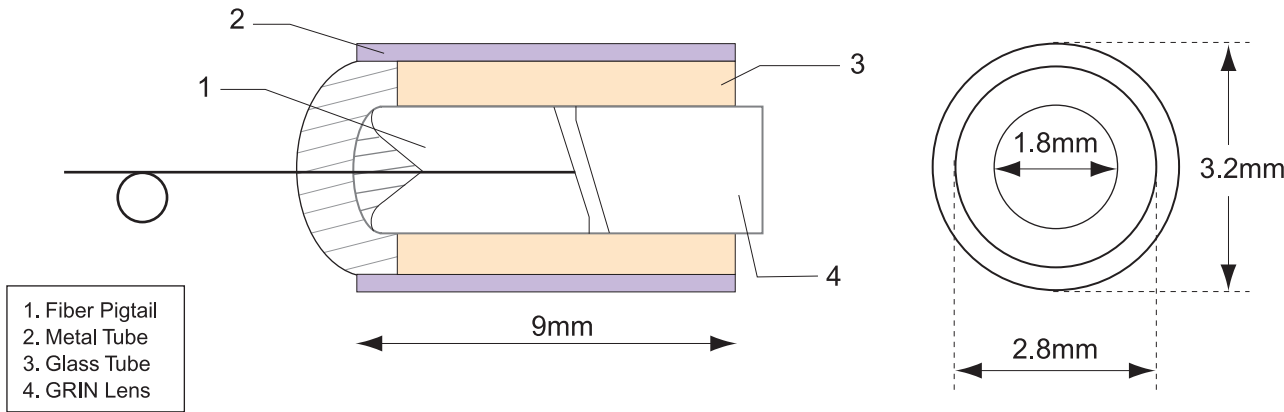
SPECIFICATIONS

Parameter	Grade A	
Central wavelength (CW)	1310 nm or 1550 nm	1310 nm / 1550 nm
Minimum Spectral Bandwidth	±40 nm	
Typical Insertion Loss	0.16 dB	0.21 dB
Maximum Insertion Loss	0.20dB	0.25 dB
Typical Return Loss	65 dB	65 dB
Minimum Return Loss	60 dB	60 dB
Maximum Acceptance Angle	0.15 Degree	
Maximum Beam Divergence	0.25 Degree	
Maximum Beam Diameter	0.5 mm	
Maximum Optical Power	300 mW	
Maximum Tensile Load	5 N	
Operating Temperature	-20°C to + 75°C	
Storage Temperature	-40°C to + 85°C	

INERSTION LOSS



PACKAGING DIMENSION



ORDERING INFORMATION

