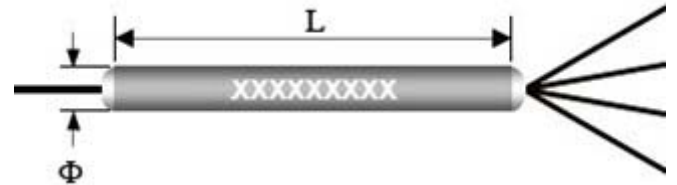
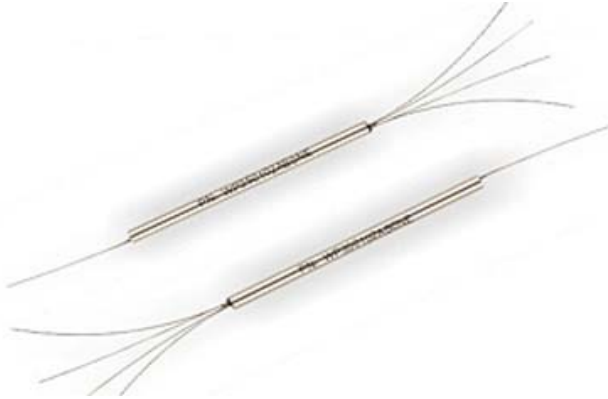




1X3/3X3 Monolithic Multimode Coupler

1X3/3X3 monolithic couplers have the compact package size, low insertion loss, and high reliability performance. These couplers were designed for optical modules and the fiber sensors, fiber testing instruments. The products are Telcordia GR-1221/1209-CORE qualified, and RoHS compliant.



Features

- ◆ Mini size
- ◆ Good uniformity
- ◆ High stability and reliability

Applications

- ◆ Optical communication systems
- ◆ Optical LAN
- ◆ Optical fiber sensors

Performance Specifications

Parameter	Specification			
Type	1x3		3x3	
Operating wavelength (nm)	850 or 1310, 1550, others on request			
Operating bandwidth (nm)	±40			
Grade	P	A	P	A
Typical excess loss (dB)	0.7	1	1	1.3
Insertion loss (dB)	≤6.0	≤6.3	≤6.3	≤6.6
Uniformity (dB)	≤0.6	≤0.9	≤1.2	≤1.6
Directivity (dB)	≥40			
Operating temperature ()°C	-40 ~ +85			
Fiber type (μm)	50/125 or 62.5/125 Multi-Mode or others			
Dimensions (Φ×L)(mm)	Φ3.0X54(250μm)			
	Φ4.0X65(900μm)			

*The above specification is without connector
**Other specifications can be made on customer request.

Order information

FBT-①-②②②-③③-④④④④-⑤-⑥-⑦⑦-⑧⑧-⑨⑨

①	②②②	③③	④④④④	⑤	⑥	⑦⑦	⑧⑧	⑨⑨
Grade	Wavelength	Coupling Ratio (dB)	Port	Package	Fiber Type	Fiber Diameter	Fiber Length	Connector
P: P Grade A:A Grade	85:850nm 13:1310nm 15:1550nm	AV:even XX:Others	0103:1x3 0303:3x3	A:Φ3.0X54 B:Φ4.0X65 x: Others	1:50/125um 2:62.5/125 X: Others	25:250um 90:900um 20:2.0mm 30:3.0mm XX: Others	05:0.5m 10:1.0m 15:1.5m XX:Others	00:None FP: FC/PC FA: FC/APC SP: SC/PC SA: SC/APC LP: LC/PC LA: LC/APC ST: ST/PC XX: Others