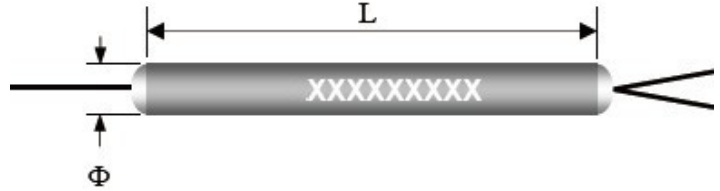




1064nm Fused Coupler

The 1064 Coupler combines or split light 1064nm windows. They offer very low insertion loss and excellent environmental stability.



Features

- ◆ Low PDL
- ◆ Low excess loss
- ◆ Various coupling ratio
- ◆ Compact size

Applications

- ◆ Fiber laser
- ◆ Fiber sensors
- ◆ Optical fiber amplifier

Performance Specifications

Parameter	Specification
Center Wavelength(nm)	980 or 1064 or other
Operating Wavelength Range(nm)	± 10
Coupling Ratio (%)	1-50
Excess Loss (Typical)(dB)	0.10(P Grade); 0.15(A Grade)
Directivity (dB)	≥55 dB
Power Handling (Max)(mW)	500
Operating Temperature(°C)	-5 - 75
Storage Temperature(°C)	-40 - 85
Fiber Type	HI1060
Fiber Pigtail Length (m)	1meter
Port Configuration	1x2 or 2x2
Package Dimension	Package A, B, C

*The above specification is without connector.

**Other specifications can be made on customer request.

Package Information

Package Type	A	B	C
Fiber Diameter	250µm bare fiber	900µm loose tube	900µm/2mm/3mm loose tube
Dimensions (Φ×L)	Φ3.0mm×54mm	Φ3.0mm×60mm	90mm×20mm×9.5mm

Order information

FBT-①-②②-③③-④④④④-⑤-⑥-⑦⑦-⑧⑧-⑨⑨

①	②②	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	98:980nm 64:1064nm XXX: Others	50:50/50 40:40/60 30:30/70 20:20/80 10:10/90 05:5/95 03:3/97 02:2/98 01:1/99 XX: Others	0102:1x2 0202:2x2	A:Package A B:Package B C:Package C	1:HI1060 X:Others	25:250µm 90:900µm 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