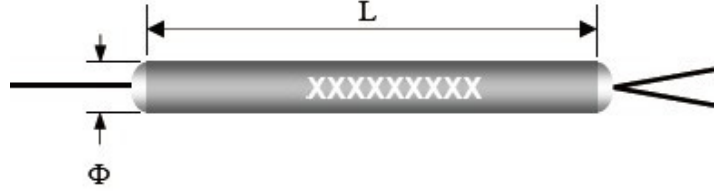




635/1064nm Fused WDM

The 635/1064nm Fused Wavelength Division Multiplexer combines light at 635nm and 1064nm windows. They offer very low insertion loss and excellent environmental stability.



Features

- ◆ Low PDL
- ◆ Low insertion loss
- ◆ High wavelength isolation
- ◆ Extremely good stability and reliability

Applications

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

Performance Specifications

Parameter	Specification	
Type	635/1064nm WDM	
Operating Wavelength (nm)	635±5	1064±5
Max. Insertion Loss (dB)	0.8	0.15
Isolation (dB)	> 15	> 20
PDL (dB)	< 0.10(1064nm)	
Directivity (dB)	> 55	
Return Loss (dB)	> 55	
Operating Temperature (°C)	-10 ~ +70	
Storage Temperature (°C)	-40 ~ +85	
Power Handling (Max)(mW)	500	
Fiber Type	HI 1060	
Fiber Pigtail Length (m)	1m or custom length	
Port Configuration	1x2 or 2x2	

*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-①①①①-②②②②-③-④-⑤⑤-⑥⑥-⑦⑦-⑧⑧

①①①①	②②②②	③	④	⑤⑤	⑥⑥	⑦⑦
Wavelength	Port	Package	Fiber Type	Fiber Diameter	Fiber Length	Connector
3564:635/1064nm	0102:1x2 0202:2x2	A:Package A B:Package B C:Package C	1: HI 1060 S:Special	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