

1064/1550 nm Fused WDM Coupler



FEATURES

- ✓ Low Insertion Loss
- ✓ Low PDL
- ✓ High Isolation
- ✓ High Reliability and Stability

APPLICATIONS

- Optical Fiber Amplifier
- Fiber Laser
- R&D

1064/1550 WDM Coupler Specifications

Parameters	1064/1550 Fused-fiber WDM Coupler	
Configuration	1x2 or 2x2	
Operating Wavelength (nm)	1064 & 1550	
Operating Bandwidth (nm)	±15	
Grade	P	A
Insertion Loss (dB)	≤0.3	≤0.4
Isolation (dB)	≥18	≥17
PDL (dB)	≤0.1	≤0.15
Directivity (dB)	≥55	
Fiber Type	Corning® HI 1060 FLEX or HI 1060	
Working Temperature (°C)	-40 ~ +85	
Pigtail Type	Package (mm)	
250µm Bare Fiber	Steel Tube, Φ3.0 × 60	
900µm Loose Tube	Steel Tube, Φ3.0 × 70	

Notes: All the data are tested without connectors. The insertion loss of one pair of connector is less than 0.3 dB. Specifications are subject to change without notice and can be made on customer request.

Order Information

	Port	Grade	Wavelength	Fiber Type	Pigtail	Package	Fiber Length	Connector
Fused WDM Coupler	1x2	P	1064/1550	HI 1060 FLEX	250 µm	Φ3 × 70	0.50 ± 0.05 m	None
	2x2	A		HI 1060	900 µm	Φ3 × 60	1.00 ± 0.1 m	LC/UPC
				Custom ...	2 mm	Custom ...	Custom ...	LC/APC
					3 mm			SC/UPC
					SC/APC			
FC/UPC								
FC/APC								
Custom ...							Custom ...	