

1064/1310 nm Fused WDM Coupler



FEATURES

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

APPLICATIONS

- Optical Fiber Amplifier
- Fiber Laser
- Optical Communication System

1064/1310 WDM Coupler Specifications

Parameters	1064/1310 Fused-fiber WDM Coupler	
Configuration	1x2 or 2x2	
Operating Wavelength (nm)	1064 & 1310	
Operating Bandwidth (nm)	± 15	
Grade	P	A
Insertion Loss (dB)	≤0.3	≤0.4
Isolation (dB)	≥17	≥16
PDL (dB)	≤0.1	≤0.15
Operating Power (W)	≤5	
Fiber Type	Corning® HI 1060 FLEX; Others on Request	
Working Temperature (°C)	-40 ~ +85	
Pigtail Type	Package (mm)	
250µm Bare Fiber	Steel Tube, Φ3.0 × 54	
900µm Loose Tube	Steel Tube, Φ3.0 × 70	
2 mm or 3 mm Cable	Custom-sized ABS Box	

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	1064/1310	HI 1060 FLEX	250 µm	Φ3 × 70	0.50 ± 0.05 m	None
	2x2	A		Custom ...	900 µm	Φ3 × 54	1.00 ± 0.1 m	LC/UPC
					2 mm	Custom ...	Custom ...	LC/APC
					3 mm			SC/UPC
								SC/APC
				FC/UPC				
							FC/APC	
							Custom ...	