

980/1064 (980/1030) nm Fused WDM Coupler



FEATURES

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

APPLICATIONS

- EDFA (Erbium-doped Optical Fiber Amplifier)
- Fiber Laser
- Laboratory

980/1064 (980/1030) WDM Coupler Specifications

Parameters	980/1064 (980/1030) Fused-fiber WDM Coupler	
Configuration	1x2 or 2x2	
Operating Wavelength (nm)	980 & 1064 or 980 & 1030	
Operating Bandwidth (nm)	± 5	
Grade	P	A
Insertion Loss (dB)	≤0.3	≤0.4
Isolation (dB)	≥14	≥13
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 × 76	

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	980/1064	HI 1060 FLEX	250 μm	Φ3 × 60	0.50 ± 0.05 m	None
	2x2	A	980/1030	HI 1060	900 μm	Φ3 × 76	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 ...				



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