

1550/1625 nm Fused WDM Coupler



FEATURES

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

APPLICATIONS

- Optical Fiber Amplifier
- CATV System
- Optical Communication System

1550 / 1625 WDM Coupler Specifications

Parameters	1550/1625 Fused-fiber WDM Coupler	
Configuration	1x2 or 2x2	
Operating Wavelength (nm)	1550 & 1625	
Operating Bandwidth (nm)	± 5	
Grade	P	A
Insertion Loss (dB)	≤0.3	≤0.4
Isolation (dB)	≥15	≥13
PDL (dB)	≤0.1	≤0.15
Fiber Type	Corning® SMF-28e	
Working Temperature (°C)	-40 ~ +85	
Pigtail Type	Package (mm)	
250μm Bare Fiber	Steel Tube, Φ3.0 × 76	
900μm Loose Tube	Steel Tube, Φ3.0 × 92	
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	1×2	P	1550/1625	SMF-28e	250 µm	Φ3 × 92	0.50 ± 0.05 m	None
	2×2	A		Custom ...	900 µm	Φ3 × 76	1.00 ± 0.1 m	LC/UPC
					2 mm	Custom ...	Custom ...	LC/APC
					3 mm			SC/UPC
								SC/APC
								FC/UPC
								FC/APC
								Custom ...



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