

# 650/1310 and 650/1550 nm Fused WDM Coupler



## FEATURES

- ✓ Low Insertion Loss
- ✓ Low PDL
- ✓ High Reliability and Stability
- ✓ Customization Supported

## APPLICATIONS

- Fiber Amplifier
- Instrument
- R&D

### 650/1310 and 650/1550 WDM Coupler Specifications

Port Configuration	1x2 or 2x2
Operating Wavelength (nm)	650 & 1310; (or) 650 & 1550
Operating Bandwidth (nm)	±20
Insertion Loss @ 1310 or 1550 Port (dB)	≤0.6
Insertion Loss @ 650 Port (dB)	≤1.5
Isolation @ 1310 or 1550 Port (dB)	≥13
Isolation @ 650 Port (dB)	≥15
PDL (dB)	≤0.15
Return Loss (dB)	≥50
Directivity (dB)	≥50
Handling Power (W)	1
Fiber Type	Corning® SMF-28e
Working Temperature (°C)	-5 ~ +70
Storage Temperature (°C)	-40 ~ +85
<b>Pigtail Type</b>	<b>Package (mm)</b>
250µm Bare Fiber	Steel Tube, Φ3.0 × 54
900µm Loose Tube	Steel Tube, Φ3.0 × 54
2 mm or 3 mm Cable	Modular Box

#### Notes:

1. Above data are test results without connectors. The insertion loss of one pair of connector is less than 0.3 dB.
2. Specifications are subject to change without notice and can be made on request.
3. For product customization or special requirement, please contact our sales representative.



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## Order Information

	Port	Wavelength	Fiber Type	Pigtail	Package	Fiber Length	Connector
<b>Fused WDM Coupler</b>	1x2	650/1310	Corning® SMF-28e	250 µm	Φ3 × 54	0.50 m	None
	2x2	650/1550	Custom ...	900 µm	Modular Box	1.00 m	LC/UPC
				2 mm	Custom ...	Custom ...	LC/APC
				3 mm			SC/UPC
							SC/APC
					FC/UPC		
						FC/APC	
						Custom ...	

