

450/633 (450/635) nm WDM Coupler



FEATURES

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

APPLICATIONS

- Fiber Amplifier
- Instrument
- R&D

450/633 (450/635) nm WDM Coupler Specifications

Port Configuration	1x2 or 2x2
Operating Wavelength (nm)	450 & 633, or 450 & 635
Operating Bandwidth (nm)	±5
Insertion Loss (dB)	≤0.6
Isolation (dB)	≥18
PDL (dB)	≤0.2
Return Loss (dB)	≥50
Directivity (dB)	≥50
Power Handling (W)	5
Fiber Type	Nufern 460-HP, or others upon request
Working Temperature (°C)	-5 ~ +70
Storage Temperature (°C)	-40 ~ +85
Pigtail Type	Package (mm)
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 SPECs are devices without connectors. The insertion loss of one pair of connector is less than 0.3 dB.
2. For CW high-power optical interconnection, we recommend fusion splice without connectors.
3. The 450/633 (450/635) nm WDM couplers are customizable and the SPECs are subject to change without notice.
4. For product customization or special requirement, please contact our sales representative.



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Ordering Information for 450/633 (450/635) nm WDM Coupler

	Port	Wavelength	Fiber Type	Pigtail	Package	Pigtail Length	Connector
Fused WDM Coupler	1x2	450/633	Nufern 460-HP	250 μm	Φ3 × 54	0.50 m	None
	2x2	450/635	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 ...	

