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0105 Hybrid Device

H2300-S

980 nm/1550 nm WDM Hybrid Isolator

This product is a low cost model with excellent performance including low insertion loss, high isolation, high return loss, low polarization dependent loss (PDL), and low polarization mode dispersion (PMD). This product offers integrated solution to EDFA application by combining more functions into a very compact package.

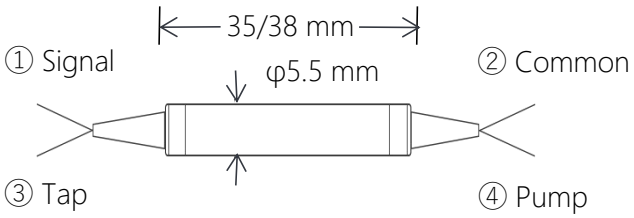
FEATURES

- Wide Operating Wavelength Range
- Low Insertion Loss
- Epoxy Free on Optical Path
- High Channel Isolation
- Ultra Low PDL & PMD
- High Stability and Reliability

USE IN

- Fiber Optic Amplifiers
- WDM Systems
- Fiber Optic Instruments
- Transmitters and Fiber Lasers
- Laboratory R&D

MECHANICAL DRAWING



Stage		Single Stage	Dual Stage
Signal Operation Wavelength Range		C-band: 1528 nm to 1564 nm L-band: 1570 nm to 1605 nm	
Pump Channel Wavelength Range		965 nm to 995 nm	
Isolation (Signal to Common@Pump Wavelength Range)		30 dB min.	
Isolation (Pump to Common@Signal Wavelength Rang)		12 dB min.	
Reverse Direction Isolation (Common to Signal)		21 dB min.	36 dB min.
Insertion Loss	Pump Channel	0.6 dB max.	
	Signal Channel	1.2 dB max.	1.3 dB max.
Polarization Mode Dispersion		0.25 dB max.	0.05 dB max.
Return Loss		45 dB min.	
Directivity		50 dB min.	
PDL		0.10 dB max.	0.20 dB max.
Power Handling		500 mW max.	
Operating Temperature		0°C to +75°C	
Fiber Type	Common &Pump Ports	HI 1060	
	Signal & Tap Ports	SM Fiber	
Dimension		5.5x5.5x35mm /5.5x5.5x38 mm	

Order notes to our customers: **The default parameters are as follows. For special needs, please contact sales.**

1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.