0605 1310 nm to 1610 nm WDM

W1001-S

1x2 Thin Film Based WDM Combiner: 1527 nm to 1535 nm/1550 nm to 1615 nm

This WDM based pump/signal combiner utilizes thin-film filter technology to combine the pump power with the input signal. It features low insertion loss, low PDL, and negligible PMD. This device is used for building broadband, low-noise EDFAs and Raman amplifiers for ultra-long haul networks. It is housed in a high-power handling metal package.

FEATURES

- Low Insertion Loss
- Low PDL
- Negligible PMD
- High Stability and Reliability

USE IN

- Building Broadband
- Low-noise EDFAs
- Raman Amplifiers for Ultra-long Haul Networks

Pass Channel C↔P	Wavelength Range λs	1550 nm to 1615 nm
	Insertion Loss	0.90 dB max.
	Flatness	0.20 dB max.
	Isolation P→C@λs	22.00 dB min.
	Isolation P→C@λp	18.00 dB min.
	PDL	0.10 dB max.
	Directivity P→R	55 dB min.
Reflection Channel C↔R	Wavelength Range λT	1527 nm to 1535 nm
	Insertion Loss	0.70 dB max.
	Flatness	0.15 dB max.
	Isolation@λs	10 dB min.
	PDL	0.10 dB max.
	Directivity R→P @1531±2 nm	55 dB min.
Return Loss		50 dB
Fiber Type		SMF-28 250 micro
Connector		None
Dimension		5.5±0.2x5.5±0.2x32±2 mm
Fiber Length		1.00 m min.