

0605 1310 nm to 1610 nm WDM

W1038-S



1x2 Thin Film Based WDM Combiner: 1529 nm to 1562 nm/1574 nm to 1605 nm

This WDM based pump/signal combiner utilizes thin-film filter technology to combine the pump power with the input signal. 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 λ_p	1574nm to 1605 nm
	Insertion Loss	0.90 dB max.
	Flatness	0.30 dB max.
	Isolation@ λ_R	20 dB min.
	PDL	0.10 dB max.
	Directivity P→R	55 dB min.
Reflection Channel C ↔ R	Wavelength Range λ_R	1529 nm to 1562 nm
	Insertion Loss	0.50 dB max.
	Flatness	0.10 dB max.
	Isolation@ λ_p	10 dB min.
	PDL	0.10 dB max.
	Directivity R→P	55 dB min.
Return Loss		50 dB min.
Fiber Type		Corning SMF-28, 900 μ m Loose Tube
Connector		None
Dimension		5.5±0.2x40±2x40±2 mm
Fiber Length		1.0 m