

0605 1310 nm to 1610 nm WDM

W1019-S



1x2 Thin Film Based WDM Combiner: 1527 nm to 1535 nm/1430 nm to 1520 nm+1550 nm to 1615 nm

This WDM based pump 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 Raman amplifiers for ultra-long haul networks.

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

Input Fiber [2] Wavelength	1527 nm to 1535 nm
Input Fiber [3] Wavelength	1430 nm to 1520 nm, 1550 nm to 1615 nm
Output Fiber [1] Wavelength	1427 nm to 1535 nm/1430 nm to 1520 nm, 1550 nm to 1615 nm
Insertion Loss: [1] to [3]	0.30 dB
Insertion Loss: [1] to [2]	0.30 dB
Isolation: [1] to [2] (dB)	25 dB typ.
Isolation: [1] to [3]	25 dB min.
Return Loss	50 dB min.
PDL	0.10 dB max.
Power Handling	1000 mW max.
Fiber Type	SMF-28-250 μ m
Package Dimension	5.5x5.5x32 mm