

0605 1310 nm to 1610 nm WDM

W1023-S



1x2 Thin Film Based WDM Combiner: 1420 nm to 1470 nm/1500 nm to 1640 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	1420 nm to 1470 nm
Input Fiber [3] Wavelength	1500 nm to 1640 nm
Output Fiber [1] Wavelength	1420 nm to 1470 nm/1500 nm to 1640 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 μm
Package Dimension	5.5x5.5x32 mm