

0605 1310 nm to 1610 nm WDM

W1008-S



1x2 Thin Film Based WDM Combiner: 1420 nm to 1480 nm/1510 nm to 1630 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.

FEATURES

- Low Insertion Loss
- Low PDL
- Negligible PMD
- High Isolation

USE IN

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

Input Fiber [2] Wavelength	1420 nm to 1480 nm
Input Fiber [3] Wavelength	1510 nm to 1630 nm
Output Fiber [1] Wavelength	1420 nm to 1480 nm/1510 nm to 1630 nm
Insertion Loss: [1] to [3]	0.30 dB typ.
Insertion Loss: [1] to [2]	0.30 dB typ.
Isolation: [1] to [2] (dB)	23 dB typ.
Isolation: [1] to [3]	15 dB min.
Return Loss	50 dB min.
PDL	0.05 dB max.
Power Handling	2000 mW max.
Fiber Type	SMF-28-250 μ m
Package Dimension	5.5x5.5x32 mm