W1011-S

1x2 Thin Film Based WDM Combiner: 1434 nm to 1535 nm/1553 nm to 1609 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.

WDM/ CWDM Filter

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	1434 nm to 1535 nm
Input Fiber [3] Wavelength	1553 nm to 1609 nm
Output Fiber [1] Wavelength	1434 nm to 1535 nm /1553 nm to 1609 nm
Insertion Loss: [1] to [3]	0.25 dB typ.
Insertion Loss: [1] to [2]	0.20 dB typ.
Isolation: [1] to [2] (dB)	27 dB typ.
Isolation: [1] to [3]	20 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