



W1017-S

1x2 Raman Pump WDM Combiner: 1420 nm to 1450 nm/1460 nm to 1625 nm

This WDM based pump combiner utilizes thin-film filter technology to combine two bands of wavelength. 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.

WDM/
CWDM Filter

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	1420 nm to 1450 nm
Input Fiber [3] Wavelength	1460 nm to 1625 nm
Output Fiber [1] Wavelength	1420 nm to 1450 nm /1460 nm to 1625 nm
Insertion Loss: [1] to [3]	0.50 dB
Insertion Loss: [1] to [2]	0.40 dB
Isolation: [1] to [2] (dB)	20 dB typ.
Isolation: [1] to [3]	30 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