

0606 WDM for Raman

W1020-S



1x2 Raman Pump WDM Combiner: 1420 nm to 1430 nm/1450 nm to 1460 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.

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 1430 nm
Input Fiber [3] Wavelength	1450 nm to 1460 nm
Output Fiber [1] Wavelength	1430 nm to 1472 nm/1478 nm to 1515 nm
Insertion Loss: [1] to [3]	0.40 dB
Insertion Loss: [1] to [2]	0.40 dB
Return Loss	55 dB min.
PDL	0.10 dB max.
Power Handling	1000 mW max.
Fiber Type	SMF-28-250 μm
Package Dimension	5.5x5.5x32 mm