

0605 1310 nm to 1610 nm WDM

W1024-S



1410 nm to 1430 nm/1435 nm to 1515 nm Pump Combiner

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	1442 nm to 1446 nm
Input Fiber [3] Wavelength	1455 nm to 1459 nm
Output Fiber [1] Wavelength	1442 nm to 1446 nm/1455 nm to 1459 nm
Insertion Loss: [1] to [3]	0.40 dB
Insertion Loss: [1] to [2]	0.40 dB
Isolation: [1] to [2] (dB)	15 dB typ.
Isolation: [1] to [3]	25 dB min.
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