

0605 1310 nm to 1610 nm WDM

W1014-S



Fused Fiber Pump WDM Combiner: 1444 nm to 1448 nm/1460 nm to 1464 nm, 4 Port

This WDM based pump combiner utilizes fuse fiber 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 | 1444 nm to 1448 nm |
| Input Fiber [3] Wavelength | 1460 nm to 1464 nm |
| Output Fiber [1] Wavelength | 1444 nm to 1448 nm/1460 nm to 1464 nm |
| Insertion Loss: [1] to [3] | 0.40 dB |
| Insertion Loss: [1] to [2] | 0.40 dB |
| Isolation: [1] to [2] (dB) | 9 dB typ. |
| Isolation: [1] to [3] | 9 dB min. |
| Return Loss | 50 dB min. |
| PDL | 0.10 dB max. |
| Power Handling | 2000 mW max. |
| Fiber Type | SMF-28-250 μm |
| Package Dimension | 6.5x6.5x80 mm |