

## 0605 1310 nm to 1610 nm WDM

W1012-S



### Fused Fiber Pump WDM Combiner: 1460 nm to 1464 nm/1488 nm to 1492 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	1460 nm to 1464 nm
Input Fiber [3] Wavelength	1488 nm to 1492 nm
Output Fiber [1] Wavelength	1460 nm to 1464 nm/1488 nm to 1492 nm
Insertion Loss: [1] to [3]	0.40 dB
Insertion Loss: [1] to [2]	0.40 dB
Isolation: [1] to [2] (dB)	14 dB typ.
Isolation: [1] to [3]	14 dB min.
Return Loss	50 dB min.
PDL	0.15 dB max.
Power Handling	2000 mW max.
Fiber Type	SMF-28-250 μm
Package Dimension	6.5x6.5x80 mm