

## 0605 1310 nm to 1610 nm WDM

W1013-S



### Fused Fiber Pump WDM Combiner: 1455 nm/1487 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	1455 nm to 1456.5 nm
Input Fiber [3] Wavelength	1486.5 nm to 1488 nm
Output Fiber [1] Wavelength	1455 nm to 1456.5 nm/ 1486.5 nm to 1488 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]	15 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