

## 0605 1310 nm to 1610 nm WDM

W1016-S



### Fused Fiber Pump WDM Combiner: 1463 nm to 1467 nm/1478 nm to 1482 nm/1493 nm to 1497 nm, 5 Ports

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

Parameters	Ch 1	Ch 2	Ch 3	Specification
IL@WL	0.38 dB	0.14 dB	0.31 dB	/
IL@WL+2.00 nm	0.52 dB	0.29 dB	0.50 dB	1.2 dB max.
IL@WL-2.00 nm	0.71 dB	0.41 dB	0.61 dB	1.2 dB max.
Isolation	22.63 dB	23.02 dB	24.48 dB	15 dB max.
PDL	0.05 dB	0.01 dB	0.02 dB	0.20 dB max.