

## 0605 1310 nm to 1610 nm WDM

W1022-S



### 1x2 Raman Pump WDM Combiner: 1410 nm to 1472 nm/1478 nm to 1515 nm

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	1410 nm to 1472 nm
Input Fiber [3] Wavelength	1478 nm to 1515 nm
Output Fiber [1] Wavelength	1410 nm to 1472 nm/1478 nm to 1515 nm
Insertion Loss: [1] to [3]	0.50 dB
Insertion Loss: [1] to [2]	0.60 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	1000 mW max.
Fiber Type	SMF-28-250 $\mu$ m
Package Dimension	5.5x5.5x32 mm