

## 0606 WDM for Raman

W1032-S



### 1x2 Raman Pump WDM Combiner: 1430 nm to 1472 nm/1478 nm to 1515 nm

This WDM based pump combiner utilizes Raman pump 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

Pass Channel C ↔ P	Wavelength Range $\lambda_p$	1478 nm to 1515 nm
	Insertion Loss	0.80 dB max.
	Flatness	0.20 dB max.
	Isolation@ $\lambda_R$	N/A
	PDL	0.15 dB max.
	Directivity P → R	55 dB min.
Reflection Channel C ↔ R	Wavelength Range $\lambda_R$	1430 nm to 1472 nm
	Insertion Loss	0.60 dB max.
	Flatness	0.20 dB max.
	Isolation@ $\lambda_p$	N/A
	PDL	0.15 dB max.
	Directivity R → P	55 dB min.
Return Loss		50 dB min.
Fiber Type		SMF-28 250 micron
Connector		None
Dimension		5.5±0.2x5.5±0.2x32±2 mm
Fiber Length		1.00±0.1 m