

## 0605 1310 nm to 1610 nm WDM

W1010-S



### 1x2 Thin Film Based WDM Combiner: 1554.89 nm to 1563.89 nm/1510 nm 1551.39 nm & 1567.39 nm to 1600 nm

This WDM based pump/signal combiner utilizes thin-film filter technology to combine the pump power with the input signal. It features low insertion loss, low PDL, and negligible PMD. This device is used for building broadband, low-noise EDFAs and Raman amplifiers for ultra-long haul networks. It is housed in a high-power handling metal package.

#### 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

Center Wavelength	1559.39 nm
Insertion Loss	1559.39 nm(C)→(P) 0.25 dB
	1549.39 nm(C)→(R) 0.28 dB
Isolation	1569.39 nm(C)→(R) 0.32 dB
	1554.89 nm to 1563.89 nm(C)→(P) 0.15 dB max.
	1510 nm to 1551.39 nm&1567.39 nm to 1600 nm(C)→(R) 0.15 dB max.
	1554.89 nm to 1563.89 nm(C)→(R) 13 dB min.
PDL	1510 nm to 1551.39 nm&1567.39 nm to 1600 nm(C)→(P) 20 dB min.
	0.10 dB max.
Return Loss	40 dB min.