

0305 1310 nm to 1610 nm WDM

W1043-S



1x2 Thin Film Based WDM Combiner: 1434 nm to 1512 nm/1550 nm to 1612 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.

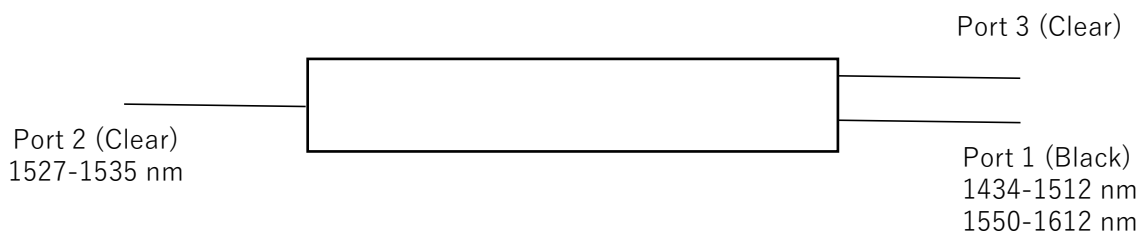
FEATURES

- 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

FUNCTIONAL DIAGRAM



Insertion Loss	Port 2-3 @ 1527 nm to 1535 nm	0.5 dB max.
	Port 1-3 @ 1550 nm to 1612 nm	0.5 dB max.
Isolation	Port 2-3 @ 1434 nm to 1512 nm	20 dB min.
	Port 2-3 @ 1550 nm to 1612 nm	20 dB min.
Flatness	Port 1-3 @ 1527 nm to 1535 nm	20 dB min.
	Port 2-3 @ 1527 nm to 1535 nm	0.1 dB max.
	Port 1-3 @ 1550 nm to 1612 nm	0.1 dB max.

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.
1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.
2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.