

W1044-S



1x2 Thin Film Based WDM Combiner: 1450 nm to 1608 nm /1617 nm to 1623 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.

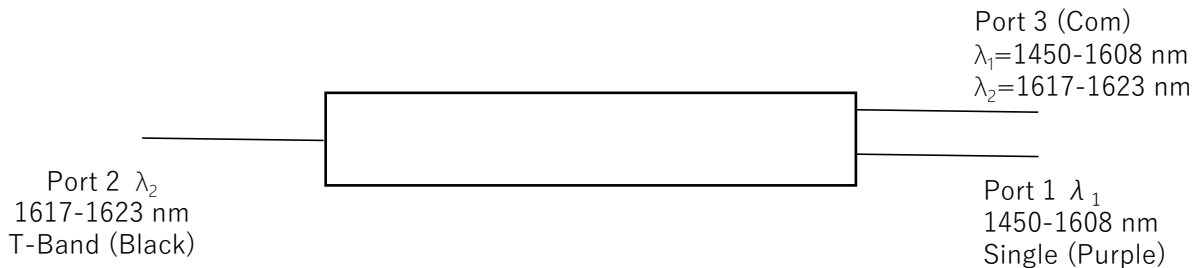
FEATURES

- 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 Common to Port 2 @ λ_2	0.8 dB
	Port Common to Port 1 @ λ_1	0.6 dB
Isolation	Port Common to Port 2 @ λ_1	40 dB min.
	Port Common to Port 1 @ λ_2	15 dB min.

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 μ m, 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.