

W1018-S



1x2 Thin Film Based WDM Combiner: 1458 nm to 1492 nm/1310 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.

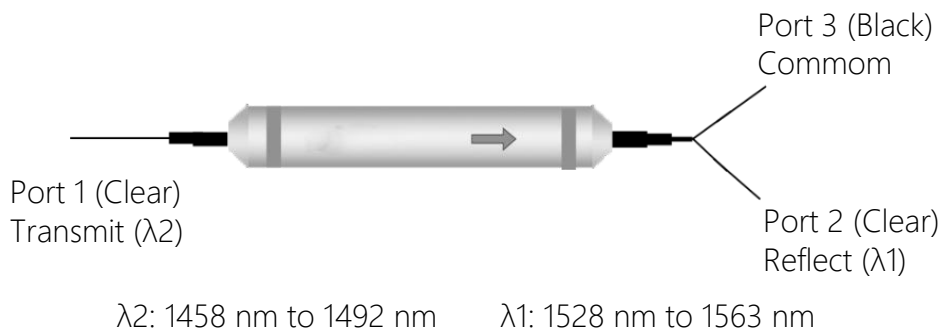
FEATURES

- 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

FUNCTIONAL DIAGRAM



Insertion Loss Port 3-1@ λ_2	0.40 dB
Isolation Port 3-1@ λ_1	20 dB
Insertion Loss Port 3-2@ λ_1	0.40 dB
Isolation Port 3-2@ λ_2	20 dB
Flatness Port 3-2@ λ_1	0.10 dB max.

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.