

0605 1310 nm to 1610 nm WDM

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.

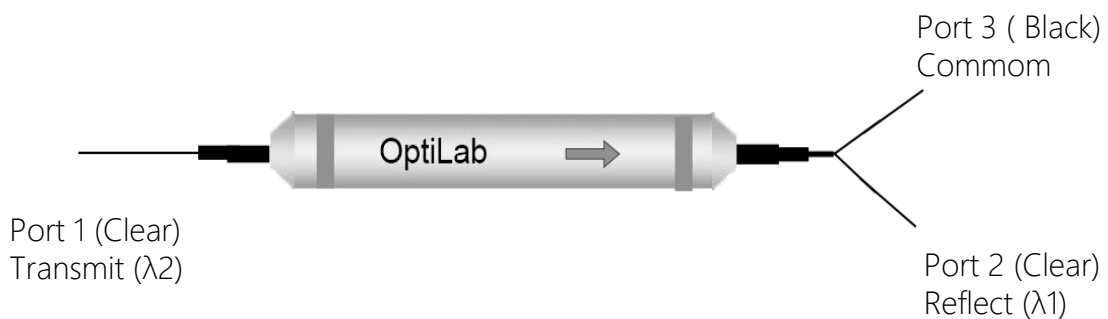
FEATURES

- 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



λ2: 1458 nm to 1492 nm

λ1: 1528 nm to 1563 nm

Insertion Loss Port 3-1@λ2	0.29 dB
Isolation Port 3-1@λ1	32.5 dB
Insertion Loss Port 3-2@λ1	0.18 dB
Isolation Port 3-2@λ2	23.5 dB
Flatness Port 3-2@λ1	0.1 dB max.