

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.

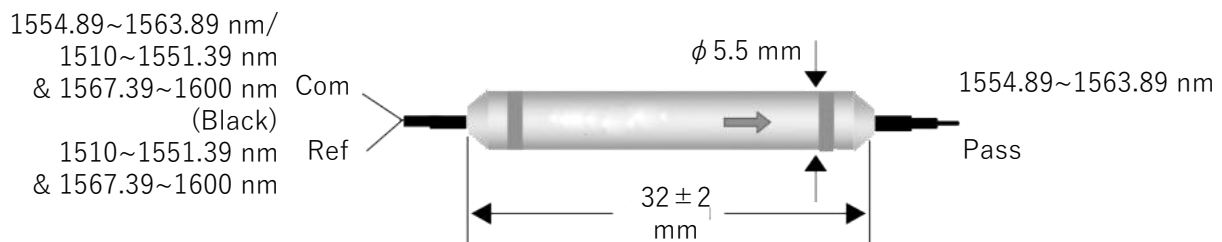
FEATURES

- 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

MECHANICAL DRAWING



Center Wavelength	1559.39 nm
1559.39 nm(C)→(P)	0.30 dB
Insertion Loss 1549.39 nm(C)→(R)	0.30 dB
1569.39 nm(C)→(R)	0.30 dB
1554.89 nm to 1563.89 nm(C)→(P)	0.15 dB max.
Isolation 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.
1510 nm to 1551.39 nm&1567.39 nm to 1600 nm(C)→(P)	20 dB min.
PDL	0.10 dB max.
Return Loss	40 dB min.

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.