

W1040-S



1x2 Thin Film Based WDM Combiner: 1460 nm to 1490 nm/1530 nm to 1563 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.

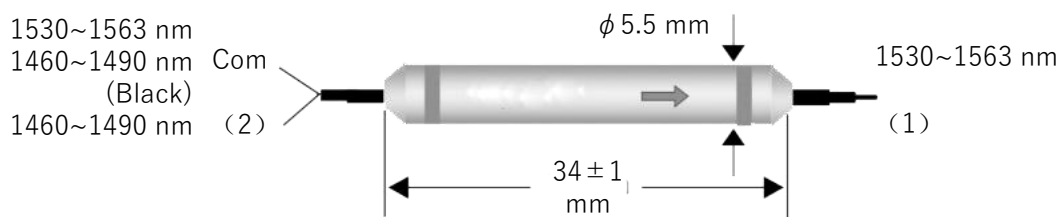
FEATURES

- 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

MECHANICAL DRAWING



Insertion Loss @ 1530 nm to 1563 nm (C)→(1)	0.36 dB max.
Insertion Loss @ 1460 nm to 1490 nm (C)→(2)	0.26 dB max.
Isolation @ 1530 nm to 1563 nm (C)→(2)	19 dB min.
Isolation @ 1460 nm to 1490 nm (C)→(1)	39 dB min.
Wavelength Flatness @ 1530 nm to 1563 nm (C)→(1)	0.05 dB max.
PDL	0.05 dB max.
PMD	0.05 ps max.
Return Loss	55 dB min.
Dimension	$5.5 \pm 0.1 \times 5.5 \pm 0.1 \times 34 \pm 1$ mm

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.