

W1019-S



1x2 Thin Film Based WDM Combiner:

1527 nm to 1535 nm/1430 nm to 1520 nm+1550 nm to 1615 nm

This WDM based pump 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 Raman amplifiers for ultra-long haul networks.

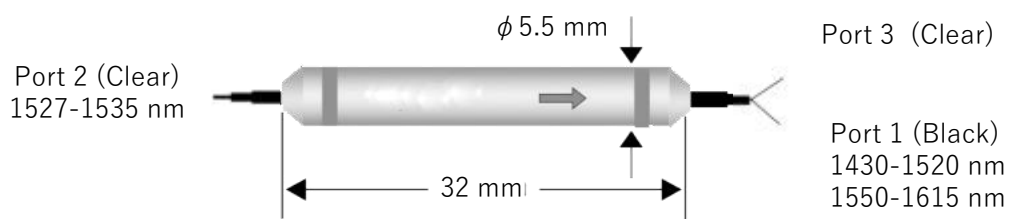
FEATURES

- 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	Port 2-3	1527 nm to 1535 nm	0.319 dB
	Port 1-3	1430 nm to 1520 nm	0.34 dB
	Port 1-3	1550 nm to 1615 nm	0.44 dB
Isolation	Port 2-3	1430 nm to 1520 nm	38.10 dB
	Port 2-3	1550 nm to 1615 nm	71.10 dB
	Port 1-3	1527 nm to 1535 nm	25.90 dB

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.