

W1023-S



## 1x2 Thin Film Based WDM Combiner: 1420 nm to 1470 nm/1500 nm to 1640 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.

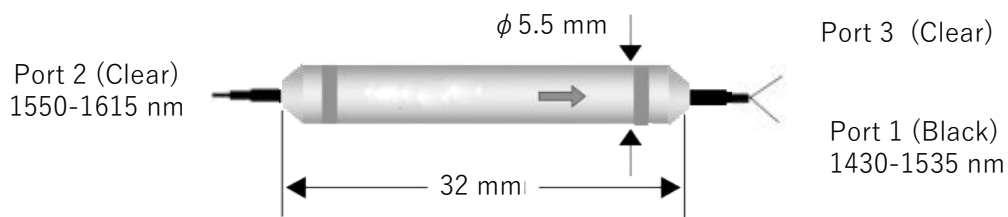
### FEATURES

- 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	1550 nm to 1615 nm	0.43 dB
	Port 1-3	1430 nm to 1535 nm	0.17 dB
Isolation	Port 2-3	1430 nm to 1535 nm	31.30 dB
	Port 1-3	1550 nm to 1615 nm	17.30 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.**