

0305 1310 nm to 1610 nm WDM

W1016-S



Fused Fiber Pump WDM Combiner: 1463 nm to 1467 nm/1478 nm to 1482 nm/1493 nm to 1497 nm, 5 Ports

This WDM based pump combiner utilizes fuse fiber 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.

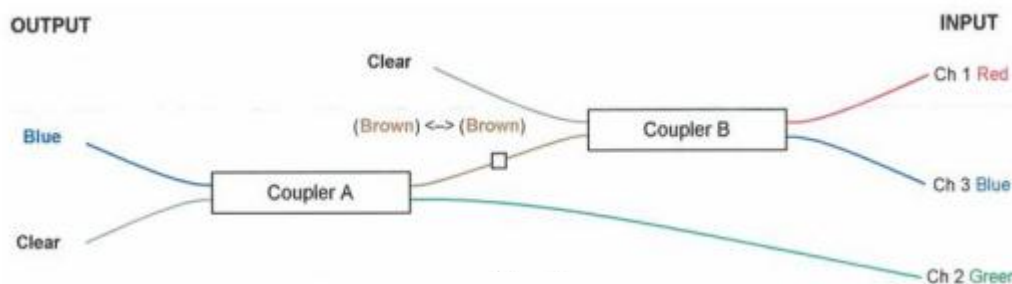
FEATURES

- 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

FUNCTIONAL DIAGRAM



Input 1 1465 nm Red Input 2 1480 nm Green Input 3 1495 nm Blue Output - Blue

Insertion Loss @WL	0.30 dB max.
Insertion Loss @ ±2.0 nm	1.20 dB max.
Isolation	15 dB min.
PDL	0.20 dB max.
Return Loss	45 dB min.
Dimension	6.5x6.5x80 mm
Operating Temperature	-10°C to +75°C
Storage Temperature	-40°C to +85°C

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.