

W1008-S



1x2 Thin Film Based WDM Combiner: 1420 nm to 1480 nm/1510 nm to 1630 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.

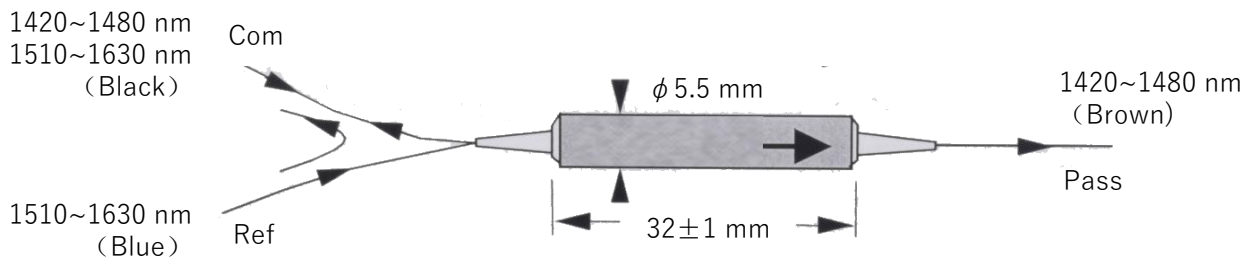
FEATURES

- Low Insertion Loss
- Low PDL
- Negligible PMD
- High Isolation

USE IN

- Building Broadband
- Low-noise EDFAs
- Raman Amplifiers for Ultra-long Haul Networks

MECHANICAL DRAWING



Pass Channel C→P	Wavelength Range λ_p	1420 nm to 1480 nm
	Insertion Loss	0.47 dB max.
	Flatness	0.06 dB max.
	Isolation@ λ_R	21 dB min.
Reflection Channel C→R	Wavelength Range λ_R	1510 nm to 1630 nm
	Insertion Loss	0.20 dB max.
	Flatness	0.01 dB max.
	Isolation@ λ_p	13 dB min.
PDL		0.05 dB max.
Directivity		50 dB min.
Return Loss		50 dB
Dimension		5.5x5.5x32±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.