

0605 1310 nm to 1610 nm WDM

W1007-S



1x2 Thin Film Based WDM Combiner: 1529 nm to 1562 nm/1529 nm to 1611 nm

This WDM based pump/signal combiner utilizes thin-film filter technology to combine the pump power with the input signal. It is housed in a high-power handling metal package.

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

Pass Channel C↔P	Wavelength Range λ_p	1574 nm to 1605 nm
	Insertion Loss	0.90 dB max.
	Flatness	0.30 dB max.
	Isolation@ λ_R	20 dB min.
	PDL	0.10 dB max.
	Directivity P→R	55 dB min.
Reflection Channel C↔R	Wavelength Range λ_R	1529 nm to 1562 nm
	Insertion Loss	0.50 dB max.
	Flatness	0.10 dB max.
	Isolation@ λ_p	10 dB min.
	PDL	0.10 dB max.
	Directivity R→P@1531±2 nm	55 dB min.
Return Loss	50 dB	
Fiber Type	C:SMF-28 250 micro	
Connector	None	
Dimension	5.5±0.2x5.5±0.2x32±2 mm	
Fiber Length	1.0 m	