

14XX/C-Band Pump-Signal Combiner

The Finisar 14XX / C-Band Pump -Signal Combiner is a wideband component for high power combining of pump and DWDM signals in fiber amplifiers. Through a patent-pending design, the product delivers exceptionally low insertion loss and minimal polarization dependent loss (PDL) and polarization mode dispersion (PMD).

Features:

- Exceptionally low insertion loss
- High power handling
- Low polarization sensitivity

Specifications:

Parameters	Unit	Min	Typical	Max
Reflect Channel Wavelength Range	nm	1528		1563
Pass Channel Wavelength Range	nm	1458		1492
Reflect Channel Insertion Loss	dB		0.25	0.35
Pass Channel Insertion Loss	dB		0.30	0.40
Reflect Channel Insertion Loss Flatness	dB			0.1
Pass Channel Insertion Loss Flatness	dB			0.15
Reflect Channel Isolation	dB	13		
Pass Channel Isolation	dB	25		
Polarization Dependent Loss	dB			0.05
Polarization Mode Dispersion	ps			0.05
Optical Return Loss	dB	50		
Directivity	dB	50		
Operating Temperature	°C	-5		70
Optical Power	mW			2000
Package Size (LXD) (excluding strain relief boots)	mm	37X 5.5		
Fiber Type		All Ports: Corning SMF-28		

* Other wavelength ranges are available. Performance will vary depending on specified wavelengths.

Ordering Information:

Part Numbers for Standard Grades: 1012199

Dimensions: (Unit:mm)

