

14XX Pump-Pump Combiner

The Finisar 14XX Pump -Pump Combiner is a wideband component for efficient pump combining in Raman amplifiers and EDFAs. Through a patent-pending design, the device delivers exceptionally low insertion loss and minimal polarization dependent loss (PDL). In addition, these devices are designed and tested for high optical power handling to up to 2 watts. (Note: US Patent No.: 6621954)

Features:

- Exceptionally low insertion loss
- High optical power handling to up to 2W
- Low polarization sensitivity

Specifications:

Parameters	Unit	Min	Typical	Max
Reflect Channel Wavelength Range	nm	1420		1445
Pass Channel Wavelength Range	nm	1457		1490
Reflect Channel Insertion Loss	dB		0.25	0.35
Pass Channel Insertion Loss	dB		0.4	0.5
Reflect Channel Insertion Loss Flatness	dB			0.1
Pass Channel Insertion Loss Flatness	dB			0.2
Reflect Channel Isolation	dB	15		
Pass Channel Isolation	dB	20		
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)	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: 1012200

Dimensions: (Unit:mm)

