

2 Channel Pump Combiner



ACP's Pump Combiners are typically needed in EDFA and Raman amplifier, offer exceptional performance and reliability at very affordable prices. They feature extremely low Insertion Loss and high Channel Isolation.

All AC Photonics' products are Telcordia qualification tested.

Key Features

- Low Insertion Loss
- High Channel Isolation
- High Stability and Reliability
- Small Package Size
- Low Cost Solution
- Flexible Specified Channel Spacing

Applications

- Raman Amplifier
- EDFA
- Fiber Optical Instruments

Performance Specifications

Parameter	Specifications
Operation Wavelength	1420nm to1500nm
Channel Spacing	5nm to10nm or specified
Insertion Loss (Max.) @ Central Wavelength ± 1 nm	≤ 0.5 dB
Isolation (Min.)	14dB
Polarization Dependent Loss	≤ 0.10 dB
Directivity	≥ 55 dB
Return Loss	≥ 55 dB
Optical Power	≤ 1.5 W
Operating Temperature	-20 to +70°C
Storage Temperature	-40 to +85°C
Package Dimensions	$\varnothing 5.0$ x L75mm

Ordering Information

PC	□	□ □ □	□ □	□	□	□ □
	Number of Channel	Starting Wavelength	Channel Spacing	Pigtail Style	Fiber Length	In/Out Connector
	2 = 2 Channel	. . 460 = 1460nm 465 = 1465nm 470 = 1470nm . . .	05 = 5nm 06 = 6nm 07 = 7nm . . . SS = Special	1 = Bare Fiber 2 = 900um Jacket	1 = 1.0m 2 = 2.0m	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC