

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.

PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Operating Wavelength	1420nm to1500nm
Channel Spacing	5nm to10nm or specified
Insertion Loss (Max.) @ Central Wavelength 31nm	≤0.5dB
Isolation (Min.)	14dB
Polarization Dependent Loss	≤ 0.10dB
Directivity	≥ 55dB
Return Loss	≥ 55dB
Optical Power	≤ 1.5W
Operating Temperature	-20 to +70°C
Storage Temperature	-40 to +85°C
Package Dimensions	Ø5.0 x L75mm

FEATURES

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

APPLICATION

- Raman Amplifier
- EDFA
- Fiber Optical Instruments

ORDERING INFORMATION

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