



2 Channel Pump Combiner

AC Photonics' 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.



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 Optic Instruments

Performance Specifications

Parameter	2 Channel
Operating Wavelength (nm)	1420 ~ 1500
Channel Spacing(nm)	5~10 or specified
Insertion Loss(dB) @ Central Wavelength ± 1 nm	0.50
Minimum Isolation(dB)	14
Polarization Dependence Loss(dB)	≤ 0.2
Directivity (dB)	≥ 55
Optical Return Loss (dB)	≥ 55
Optical Power Handling (W)	≤ 1.5
Operating Temperature($^{\circ}$ C)	-20 to +70
Storage Temperature($^{\circ}$ C)	-40 to +85
Package Size (mm)	ϕ 5.0x75

Ordering Information

PC	Number of Channels	Starting Wavelength	Channel Spacing	Pigtail Style	Fiber Length	In/Out Connector
	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>
	2=2 Channel	• • 460=1460nm 465=1465nm 470=1470nm • • • • • SS=Special	05=5nm 06=6nm 07=7nm • • • SS=Special	1=Bare Fiber 2=900um Jacket	1=1m 2=2m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC