Single Mode Pump Combiner (2 and 4 Ch)

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	1420 - 1500nm	
Number of Channel	2	4
Channel Spacing	5 - 10nm or Custom	
Insertion Loss*	≤0.60dB	≤1.2dB
Isolation*	≥ 11dB	≥ 11dB
Polarization Dependent Loss	≤0.10dB	≤0.20dB
Return Loss	≥ 55dB	
Directivity	≥ 55dB	
Optical Power	≤ 1.5W	
Operating Temperature	-20 to +70°C	
Storage Temperature	- 40 to +85°C	
Package Type	A	D
Package Dimensions	A= Φ5.5xL75mm	D=120x80x11.6 (LxWxH)

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

Note:

* Measured at center wavelength ±0.7nm. The IL is 0.6 dB over ±0.7nm (for 2 channel). IL is 1.2 dB over ±0.7nm (for 4 channel).

All values referenced are without connector.

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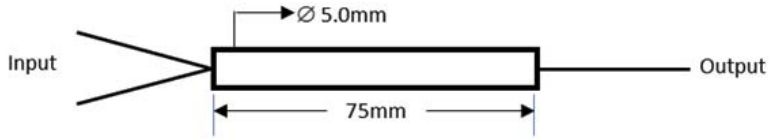
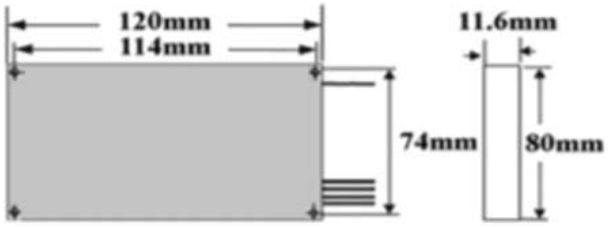
MECHANICAL DIMENSIONS

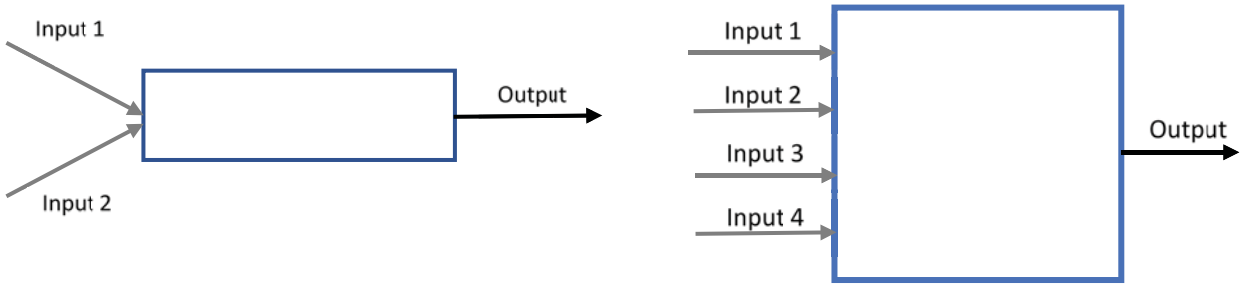
A package:



D package:



PORT CONFIGURATIONS



ORDERING INFORMATION

PC	Number of Channel	(Starting) Wavelength	Channel Spacing	Package	Fiber Type*	Pigtail Style	Fiber Length	In Connector	Out Connector
	2=2 Channel 4=4 Channel	. . 460=1460nm 465=1465nm 470=1470nm . .	05=5nm 07=7nm . . 10=10nm	A=A package D=D package	2=SMF-28 Ultra (G.657.A1) 3=ClearCurve ZBL(G.657.B3)	1=Bare fiber 2=900um loose tube	05=0.5m 10=1.0m . . . 20=2.0m	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC/UPC 7=LC/APC	0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC/UPC 7=LC/APC

*1=SMF-28(G.652) is available upon request.