(2+1)X1 Multimode Pump-Signal Combiner

ACP's (2+1)x1 pump and signal combiner combines two pump laser sources and one signal into a single fiber output. It provides high pump efficiency with a maximum conservation of brightness. It generally used for laser applications and high-power fiber amplifiers for industrial, defense, medical and telecom applications.

All AC Photonics' products are Telcordia qualification tested.

PERFORMANCE SPECIFICATIONS

Parameter	Specifications
Port Configuration	(2+1) x 1
Single Wavelength	1530 - 1570nm
Pump Wavelength	800 - 1000nm
Signal Insertion Loss	≤ 0.70dB
Pump Efficiency	≥ 90%
Pump Power	≤ 30W
Operating Temperature	-20 to +70°C
Storage Temperature	- 40 to +85°C
Package Dimensions (LxWxH)	A=75x12x8mm

All values referenced are without connector.

FEATURES

- High Power Transfer Efficiency
- Low signal Insertion Loss
- High Power Package
- Custom Configurations Available
- ROHS Compliant

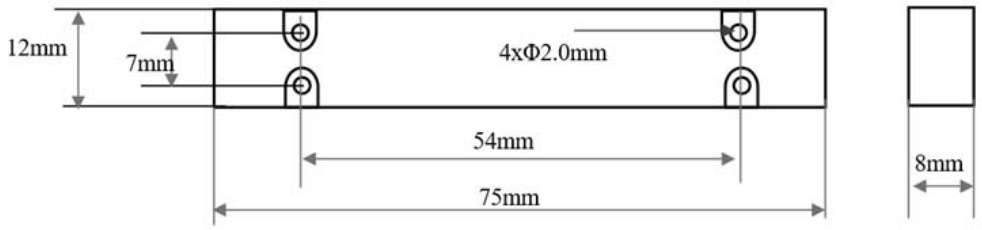
APPLICATION

- Fiber Lasers
- Fiber Amplifiers
- CATV Amplifiers
- Industrial and Biomedical
- Telecommunication and Defense

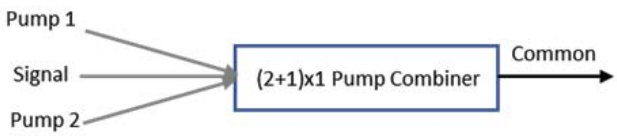
(2+1)X1 Multimode Pump-Signal Combiner

MECHANICAL DIMENSIONS

A package:



PORT CONFIGURATIONS



ORDERING INFORMATION

PWC

Pump Handling	Pump Wavelength	Single Wavelength	Port	Package	Pump Port Fiber Type	Signal Port Fiber Type*	Com Port Fiber Type*	Pigtail Style	Fiber Length
05=5W 10=10W	94=940nm 95=955nm	55=1550nm	201=(2+1)X1	A= A package	C1=105/125 (0.22NA) C2=105/125 (0.14NA)	**1=SMF-28(G.652) 2=SMF-28 Ultra (G.657.A1) 3=ClearCurve ZBL(G.657.B3)	D1=9/105/125 Double Clad (0.22NA	1=Bare fiber 2=900um loose tube	05=0.5m 10=1.0m . . . 20=2.0m

* Other fiber types are available upon request.

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