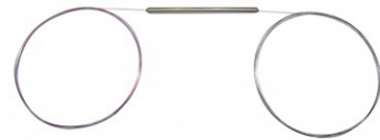


(1+1)x1 Multi-Mode Pump Combiner

This $(1+1) \times 1$ multi-mode fiber combiner is designed for high power EDFA application. It combines one pump laser and one signal channel into one double cladding output fiber. Fiber type can be customized.

Key Features

- High Signal Transfer Efficiency
- High Pump Efficiency
- Wavelength Insensitive
- Custom Configurations Available
- RoHS Compliance

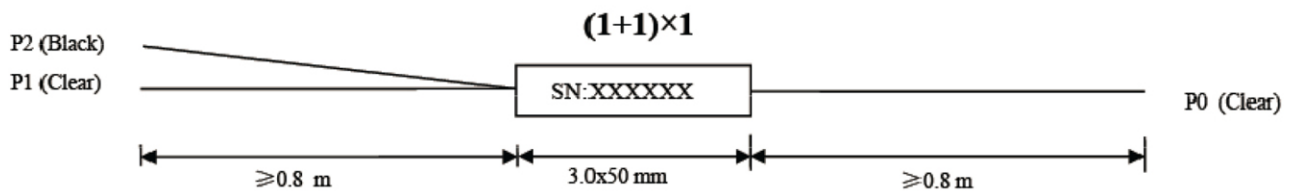


Specifications

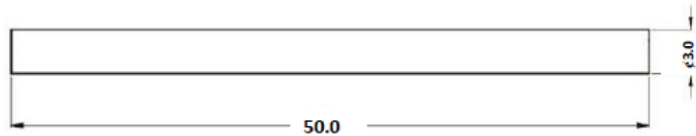
Item	Specification	Note
Pump Wavelength	800~1000 nm	Typ.915 nm
Signal Wavelength	1535~1565 nm	Typ.1550 nm
Port configuration	$(1+1) \times 1$	
Signal Input Fiber	SMF-28e ultra optical fiber	P1: Clear
Pump Fiber	MM-S105/125 -22A	P2: Black
Output Fiber	SM-GDF-10/130-15FA	P0:Clear
Pump Efficiency	$\geq 90\%$	
Signal IL	$\leq 0.35\text{dB}$	
Power Handling	4W/Port	Per pump port
Package Size	Tube:3.0x50mm	Aluminum
Return Loss	$>40\text{dB}$	
Pigtail	1m	Customized.
Operating Temperature	-5~75°C	RH<85% at 60 °C
Storage Temperature	-40~85°C	

Diagram

(1+1)x1 Multi-Mode Pump Combiner



Package size



Dimension: $\varnothing 3.0 \times 50\text{mm}$

Order Information

MPC - (1+1)x1 - 1550 - 915 - 28e - 1 - 1 - 3

Multimode pump combiner, (1+1)x1 configuration, 1550nm signal wavelength, 915nm pump wavelength, 1 meter of SMF-28e input fiber, 1 meter SM-GDF-10/130 output fiber, S105/125 (22A) pump fiber. Size $\varnothing 3.0 \times 50\text{mm}$