

(N+1) x 1 Multi-Mode Pump Combiner

High Power Pump Combiners for Pump/Signal Combiners

Features

- High handling power and low insertion loss
- Wavelength Insensitive
- Custom Configuration Available

Applications

- Fiber Lasers
- Fiber Laser Seed Amplifiers
- Industrial & Research

Specifications

Product Code		MCS-0111(2)XX	MCS-0611(2)XX	MCS-1811(2)24
Configuration		1+1 by 1	6+1 by 1	18+1 by 1
Signal Operating Wavelength		1040 ~ 1080nm (1550nm)		
Pump Operating Wavelength		800 ~ 1000nm		
Pump Input Fiber Core/Clad dia. [um] _ NA		105/125 _ 0.15 & 0.22		
Signal Input Fiber Core/Clad dia. [um] _ NA		xx/125 _0.08 (1550GDF)	xx/125 _0.08	xx/125_0.08
		Power Efficiency Pump [%] / Signal [dB]		
Output Fiber Core/Clad dia. [um] NA	10/125(1550GDF) 0.08/0.46	> 90 / < 0.7	> 92 / < 0.7	–
	20/400 0.07/0.46	–	> 95 / < 0.5	> 95 / < 0.5
	25/250 0.07/0.46	–	> 95 / < 0.5	–
Power Handling		10, 30, 50, 100, 150 (W / port)		
Fiber Length		Standard 800~1200mm		
Package		C_1 & C_2		

*** Customizing**

- Pump / Output Fiber (Fiber specification)
- Fiber Length (Pricing is dependant on fiber pigtail length)

Ordering Information

MCS- □□□□□□

Configuration

- 01 : 1+1 x 1
- 06 : 6+1 x 1
- 18 : 18+1 x 1

Signal Input Fiber

- SM : 1550GDF
- 11 : 10/125um 0.08NA
- 21 : 20/125um 0.08NA

Output Fiber

- 11 : 10/125um 0.08NA
- 22 : 25/250um 0.07NA
- 24 : 20/400um 0.07NA

Order Information

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