

(6+1)×1 Multi-Mode Combiner

MPC2-P16-S58D-10-C5-B



The (6+1)×1 multi-mode fiber combiner is designed for high power fiber laser. It combines six pump channels and one signal channel into one double cladding output fiber. Fiber type can be customized.

Characteristics

- Low insertion losses
- High pump transfer efficiency
- High stability

Applications

- Fiber lasers
- Fiber amplifiers
- Optical instruments

Product Type	MPC2-P16-S58D-10-C5-B
Pump Operating Wavelength (nm)	800 – 1000
Input Pump Port	
Core / Cladding Diameter (μm)	220 / 242
Numerical Aperture	0.22
Input Signal Port	
Fiber Type	GDF-DC-25/400-0.065
Output Port	
Fiber Type	GDF-DC-50/400-0.11

Optical Properties

Pump Efficiency (%)	> 97
Insertion Losses (dB)	< 1
Optical Isolation (dB)	3000
Max Pump Power	500

Environmental Properties

Operating Temperature (*C)	-5 to +70
Operating Relative Humidity (%)	5 – 85
Storage Temperature (*C)	-40 to +85

Mechanical Properties

Dimensions (mm)	10×15×150
Active Fiber Length (m)	1.0

