

## (6+1)×1 Multi-Mode Combiner MPC2-P16-S699-10-C5-F



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-S699-10-C5-F
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-20/400-0.065
Output Port	
Fiber Type	GDF-DC-20/400-0.065

### Optical Properties

Pump Efficiency (%)	> 97
Insertion Losses (dB)	< 1
Optical Isolation (dB)	-
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

