

High Power Coupler

1. Description:

High power coupler is a new kind of device is a kind of coupling, it includes a piece of a Signal transmission optical fiber and optical fiber Pump coupling, have Pump input end, Signal input end and Output end. Differs from the ordinary optical fiber coupler, the main design purpose is to achieve high power coupler pump power to signal transmission optical fiber coupling, thus played the pump coupling and dual function of signal isolation, in high power fiber laser, amplifier design has important application value.

2. Features:

- High Isolation
- Low Insertion Loss
- High Return Loss
- Low PDL
- High Power Handling up

3. Applications:

- OFA
- CATV Links
- Optical fiber testing system
- LAN Links
- Microwave signal detection system

4. Specifications:

Parameter	Value
Operating Wavelength (nm)	1053、1060、1310 、1550
Pump Wavelength (nm)	800、808、915、976
coupling efficiency(%)	>60
Isolation (dB)	>17
Singnal trans Fiber Type	6/125, 10/125
Pump Input Fiber Type	105/125 MM
Fiber Length (m)	>0.5
Dimensions (mm)	Φ3×55 or Client specify

Note:couping,the working temperature,the interface form can be determined according to be the customer requirements.