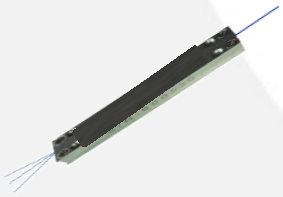
B2300-P



980/1550 PLMA (1+2)x1 Combiner, Nufern PM-GDF-12/130-M

Passive Devices

The combiner features exceptional optical characteristics. These devices can combine 2 pump lasers and 1 signal channel into one fiber and create a high power pump laser source, delivering the combined power for applications in industrial, military, medical and telecommunications markets.

FEATURES

- High Power Transfer Efficiency
- Low Signal Insertion Loss
- High PER
- High Power Package
- Freely Selectable Signal and Pump Wavelength
- Custom Configurations Available

USE IN

- Pumping of Fiber Laser and Amplifier
- Pumping of Multi-core and Large Mode Area Fibers (LMA)
- Pump Combiner for Nd-, Yb-, Er-, Ho-, Tm-Fiber
- Industrial, Telecommunication, Biomedical,
- Metrology, Life Science, Imaging, Quantum Optics
- Gravitational Wave Detection, Atom Cooling and Trapping

0109 Polarization Beam Combiner

Passive Devices

Signal Operating Wavelengths	1020 nm to 1080 nm
Pump Operating Wavelengths	780 nm to 1000 nm
Number of Multimode Inputs	2
Number of Signal Ports	1
Number of Output Ports	1
Pump Input Fiber	105/125 µm, NA 0.22
Signal & Output lFiber	Nufern PM-GDF-12/130-M
Pump Fiber	Nufern MM-S105/125-22A
Pump Efficiency	90% min.
Signal Insertion Loss	0.5 dB max.
Polarization Extinction Ratio	18 dB min.
Power per Multimode Input	50 W
Optical Return Loss - Pumps	40 dB
Operating Temperature	0°C to +75°C
Storage Temperature	-40°C to +85°C