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(1+1)x1 Fiber Pump and PM Combiner



(1+1)x1 Multimode Pump and Signal Combiners

Stock #91-307 NEW **1 In Stock**

⊖ 1 ⊕ **S\$725⁰⁰**

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General

Fiber Cable Type:
Signal Input/Output Fiber: 10/130 PM double cladding fiber
Pump Fiber: 105/125 MM fiber

Physical & Mechanical Properties

Length of Fiber (m):
1

Optical Properties

Extinction Ratio:
>25 dB

1450 - 1600 **Signal Wavelength Range (nm):**

800 - 1000 **Pump Wavelength Range (nm):**

>45 **Return Loss (dB):**

Performance

>92 **Pump Transmission Efficiency (%):**

50 **Handling Power (Per Port):**

Hardware & Interface Connectivity

<0.2 (Typ) **Insertion Loss (dB):**

Environmental & Durability Factors

-5 to +70 **Operating Temperature (°C):**

-40 to +86 **Storage Temperature (°C):**

Regulatory Compliance

[Compliant](#) **RoHS 2015:**

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Product Details

- Combines Laser Pump Sources and One Signal into One Output Fiber
- Wavelength Insensitive with High Power Transfer Efficiency
- Preservation of Modal Content

Multimode Fiber Pump and Signal Combiners integrate high-power pump lasers and low-power signal lasers into a single optical fiber, ensuring efficient energy transfer, brightness preservation, and excellent optical performance. Designed for easy system integration, the combiners support compact packaging and seamless incorporation into fiber laser and amplifier systems. Multimode Fiber Pump and Signal Combiners include a heat sink package and a built-in port for temperature monitoring. These combiners are ideal for co- and counter-pump configurations and for fiber laser and laser power amplifier applications in industrial, military, medical, and telecommunications markets.

Note: [Contact us](#) for custom configuration options as these combiners can be tailored to support a wide range of power levels, input configurations, and fiber types.