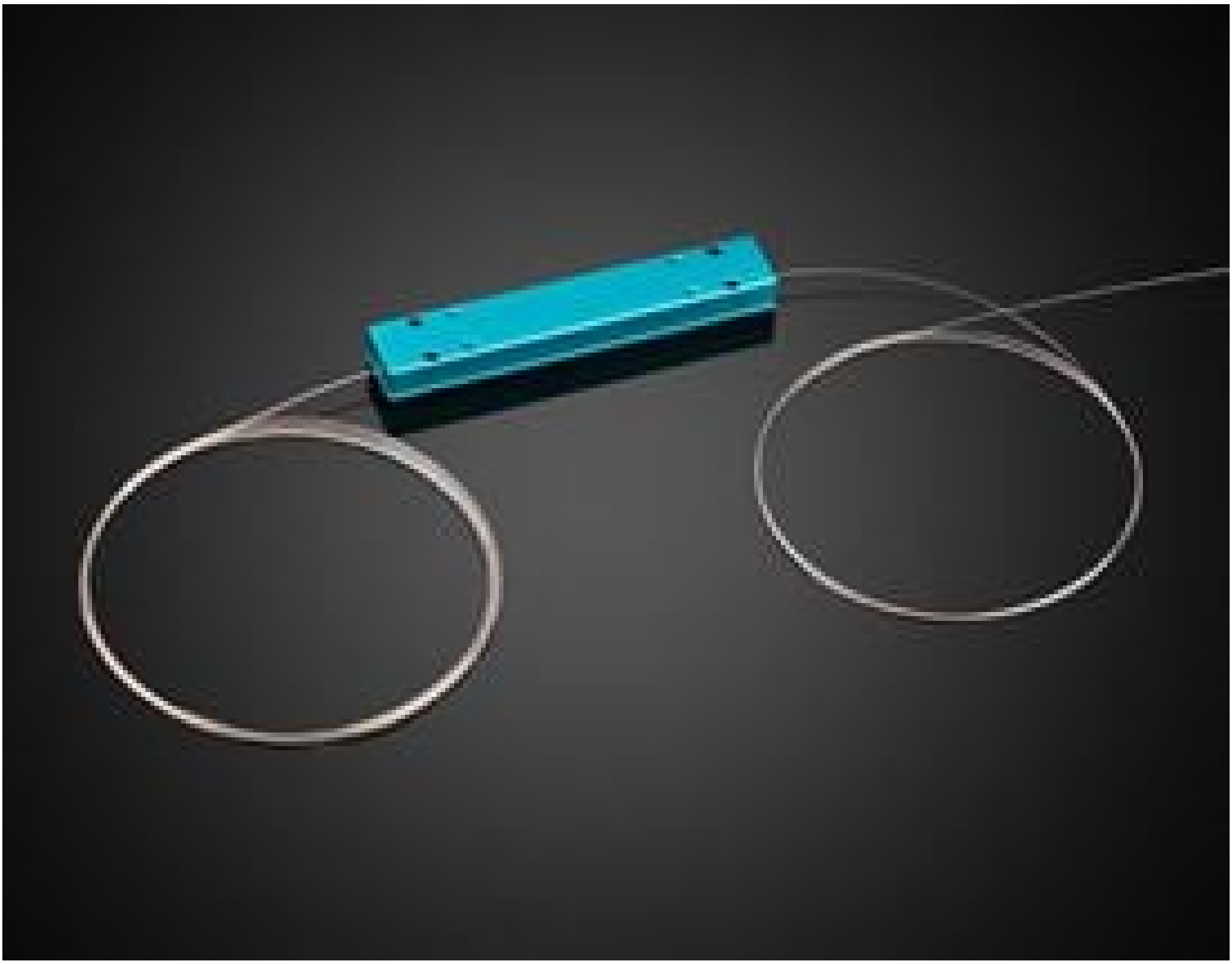
See all 4 Products in Family

(2+1)x1 Fiber Pump and SM Combiner



(2+1)×1 Multimode Pump and Signal Combiners

Stock **#75-502** NEW **1 In Stock**

- 1 + **£393.60**

ADD TO CART

Volume Pricing	
Qty 1-4	**£393.60** each
Qty 5-9	**£354.24** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Fiber Cable Type:
Signal Input/Output Fiber: 10/130 SM double cladding fiber
Pump Fiber (1) (2): 105/125 MM fiber

Physical & Mechanical Properties

Length of Fiber (m):
1

Optical Properties

Signal Wavelength Range (nm):
1040 - 1080

Pump Wavelength Range (nm):
800 - 1000

Return Loss (dB):
>45

Performance

Pump Transmission Efficiency (%):
>92

Handling Power (Per Port):
50

Hardware & Interface Connectivity

Insertion Loss (dB):
<0.2 (Typ)

Environmental & Durability Factors

Operating Temperature (°C):
-5 to +70

Storage Temperature (°C):
-40 to +85

Regulatory Compliance

Certificate of Conformance:
View

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.

;