



KeyFeatures

Low insertion loss

High power handling

Applications

High power industrial fiber lasers

Fiber Laser Combiner

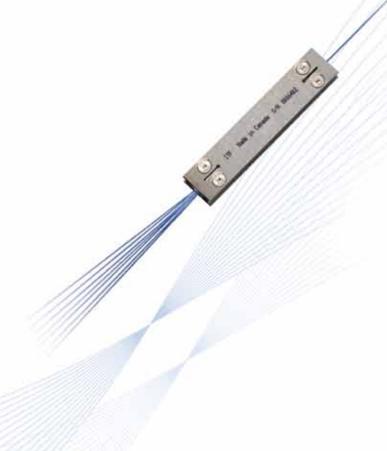
This component is designed to combine the outputs of several fiber lasers into a single multimode delivery fiber. Other configurations available on request.

For moreInfo

Please contact us at:

North America: 514.748.4848 888.922.1044

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Fiber Laser

Combiner







(MMC0701C5609)

Configuration	Port identification	Fiber type
Input ports	Ports 1-7	10/125 μm NA=0.08/0.46
Output port	Port 8	105/125 μm NA=0.22

SPECIFICATIONS*

OPTICAL PERFORMANCE

Parameters	Min.	Тур.	Max.	Units
Operating wavelengths	1040		1080	nm
Maximum Insertion Loss (1)		0.1	0.3	dB
Optical return loss - Pumps (1)	45			dB

SPECIFICATIONS*

MECHANICAL & ENVIRONMENTAL

Parameters	Value	
Power handling - Input core light (2)	100W/port	
Power handling - Input cladding light (3)	TBD	
Dimensions	60.0mm x 12.0mm x 6.5mm	
Pigtail length (4)	> 1000mm on all ports	

(1) Parameters are specified at room temperature

(2) Heatsinking is required, see application note on website

(3) Not designed to guide cladding borne light

(4) For safe handling of DCF fiber, see application note on website

*Specifications subject to change without notice.

Revised Jan 2012

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ORDERING INFORMATION

