

High Power Combiners

(2+1) x 1 High Power Combiners

Specifications

Parameter	Specification	
Signal Wavelength Range	1030-1080 nm	
Pump Wavelength Range	800-1000 nm	
Input Fiber	Type 1	Core/Clad Diameter 105 /125 μm NA 0.15
	Type 2	Core/Clad Diameter 105 /125 μm NA 0.22
	Type 3	Core/Clad Diameter 200 /220 μm NA 0.22
	Type 1	Core/Clad Diameter 10 /125 μm NA 0.08 / 0.46
	Type 2	Core/Clad Diameter 20 /130 μm NA 0.06 / 0.46
	Type 3	Core/Clad Diameter 30 /250 μm NA 0.08 / 0.46
Signal Fiber/ Output Fiber	Type 4	Core/Clad Diameter 20 /400 μm NA 0.06 / 0.46
Optical Return Loss	≥ 40 dB	
Pump Insertion Loss	≤ 0.5 dB	
Signal Insertion Loss	≤ 0.35 dB	
Maximum Total Input Power	50 W	
Operating Temperature	0° C ~ + 75° C	
Storage Temperature	- 40° C ~ + 85° C	
Package Dimensions	75 mm x 12 mm x 8 mm	

Note1: All values specified are without connectors and at room temperature.

Note2: Higher performance specifications upon request.

Order Information

M	M	P	C	-	2	B	-	-	-	-	-	0
Structure	Input Fiber	Signal Fiber	Output Fiber	Fiber Length	Connector							
2B: (2+1) x 1	1: Type 1 2: Type 2 3: Type 3	1: Type 1 2: Type 2 3: Type 3 4: Type 4	1: Type 1 2: Type 2 3: Type 3 4: Type 4	0: 0.5 meter 1: 1.0 meter 9: 0.75 meter	0: None							