

High Power Fiber Couplers

Specifications

Fiber to fiber coupler for the connection of two high power fiber cables.



P/N	OR-033		OR-050		OR-066	OR-075		OR-100	
Magnification	0.33		0.50		0.66	0.75		1.00	
Optical Transmission	> 95% (neglecting fiber reflection losses)								
Input Fiber NA	0.12	0.16	0.16	0.22	0.22	0.16	0.22	0.22	0.37
Output Fiber NA (> or =)	0.37	0.48	0.37	0.48	0.37	0.22	0.37	0.22	0.37
Input Fiber or Bundle Diameter / Output Fiber Core (μm)	600 / 200		200 / 100 400 / 200 800 / 400		600 / 400	800 / 600		200 / 200 400 / 400 600 / 600 800 / 800	
Fiber Connector	SMA 905								
Power Capability (W)	100								
Package Diameter (mm)	24								
Package Length (mm)	54		59		64		74		

Order Information

OR - M - W					
M	Magnification				
	033	050	066	075	100
W	Wavelength				
	A		B		C
	400 - 700nm		650 - 1050nm		1050 - 1620nm

For example, OR-100-B

Drawing

NOTE: Other diameters and focal lengths available on custom basis. Please inquire.