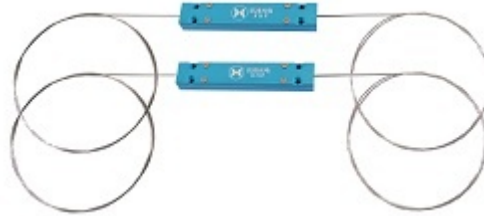


Fiber Mode Field Adaptor(MFA)

☆Description

XHP Fiber mode field adaptor (MFA) features high output power, high converting efficiency, stable and reliable. It can be integrated into medium and high power fiber laser and amplifier.



☆Specifications

Signal wavelength	1030~1080 or 1450~1600					
Signal fiber(input)	6/125	10/125	10/125	6/125	20/250	62.5/125
Signal fiber(output)	10/125	20/125	25/250	20/400	30/250	105/125
Forward loss	0.3dB	0.4dB	0.5dB	0.5dB	0.2dB	-
Backward loss	0.3dB	0.5dB	0.7dB	0.7dB	0.2dB	2dB
Total holding power	10W, 50W, 100W					
Return loss	> 45dB					
Extinction ratio	>18dB (for PM type)					
Package size	Φ4×60mm, 70×12×8mm, 100×15×10mm					
Operating temperature	0℃~+75℃					
Storage temperature	-40℃~+85℃					

☆Ordering Information

Part Number	Note	Options
XXX-XXX	Part type	XHP-MFA, XHP-PMMFA
XX	Port type	1 = 1×1
XXXX	Operating wavelength	W1 = 1030~1080nm, W2 = 1450~1600nm
XX	Signal fiber(input)	IF1 = SMF-28E, IF2 = DCF6/125 NA=0.14/0.46, IF3 = DCF8/125 NA=0.14/0.46, IF4 = Hi1060, IF5 = DCF20/250 NA=0.08/0.46, IF6 = SCF10/125, IF7 = 50/125, IF8 = 62.5/125
XX	Signal fiber(output)	OF1 = DCF8/125 NA=0.14/0.46, OF2 = DCF10/125 NA=0.08/0.46, OF3 = DCF20/125 NA=0.08/0.46, OF4 = DCF20/250 NA=0.08/0.46, OF5 = DCF30/250 NA=0.06/0.46, OF6 = DCF25/250 NA=0.06/0.46, OF7 = SCF10/125, OF8 = 105/125 NA=0.15, OF9 = 105/125 NA=0.22
XXX	Fiber length	L10 = 1.0m
XXX	Fiber cable length	L12 = 12m
XXX	Package size	PS1 = Aluminum box 70×12×8mm, PS2 = Aluminum box 100×15×10mm, PS3 = Steel tube Φ4×60mm

Example: XHP-MFA-W1-IF1-OF1-L10-L12-PS1

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