

High Power Fiber Coupler(HPC)

☆Description

XHP high power fiber coupler features low insert loss, high holding power, stable and reliable. It can be integrated into fiber laser, fiber amplifier and R&D test equipment.



☆Specifications

Parameters		Units	Value	
Operating wavelength		nm	1064	1550
Bandwidth		nm	±10	±10
Excess Loss		dB	≤0.2	-
Insert loss	50/50	dB	-	≤3.6
	1/99	dB	17~23/0.3	17~23/0.5
	0.1/99.9	dB	27~33/0.3	-
	0.01/99.99	dB	35~45/0.3	-
Holding power		W	≤5	
Fiber type		-	HI1060 HI1060FLEX	105/125 - 0.22NA 200/220 - 0.22NA 400/440 - 0.22NA
Direction		dB	≥55	
Operating temperature		℃	-5~+70	
Storage temperature		℃	-40~+85	
Package size		mm	100×12×8	

☆Ordering Information

Part Number	Note	Options
XXX-XXX	Part type	XHP-HPC
X	Port type	1 = 1×2, 2 = 2×2
XXX/XXXX	Operating wavelength	W1 = 1064nm, W2 = 1550nm
X	Coupling ratio	CR1 = 50/50, CR2 = 1/99, CR3 = 0.1/99.9, CR4 = 0.01/99.9
	Fiber type	F1 = 105/125 NA=0.22, F2 = 200/220 NA=0.22 F3 = 400/440 NA=0.22, F4 = HI1060
X	Pigtail type	PT1 = bare fiber, PT2 = 2mm loose tube, PT3 = 3mm loose tube
X	Interface type	1 = SM905, 2 = customized
X	Package size	PS1 = aluminum box 100×12×8mm, PS2 = customized

Example: XHP-HPC-1-W1-CR1-F1-PT1-1-PS1