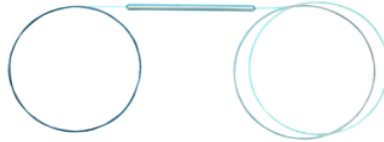


## 1×2 Multimode Fiber Coupler

### ☆Description

XHP 1×2 multimode fiber coupler features low insert loss, high return loss, low PDL, stable and reliable. It can be integrated into fiber communication network, fiber sense system, and fiber test equipment etc.



### ☆Specifications

Type		1×2 / 2×2 MMC	
Parameters			
Center wavelength(nm)		850 / 1310 / customized	
Wavelength range(nm)		±40	
Grade		P	A
Excess loss( dB )		≤0.4	≤0.7
Insert loss( dB )	50 / 50	≤3.7 / 3.7	≤4.0 / 4.0
	40 / 60	≤4.7 / 2.7	≤5.0 / 3.0
	30 / 70	≤6.0 / 2.1	≤6.3 / 2.4
	20 / 80	≤7.8 / 1.4	≤8.1 / 1.7
	10 / 90	≤11.2 / 0.9	≤11.6 / 1.2
	5 / 95	≤14.5 / 0.7	≤15.0 / 1.0
	2 / 98	≤18.6 / 0.6	≤19.4 / 0.9
	1 / 99	≤22.0 / 0.5	≤22.8 / 0.8
PDL ( dB )		≤0.50	≤0.80
Return loss ( dB )		≥40	
Fiber		50/125 or 62.5/125 or customized	
Operating temperature( °C )		-5~+70	
Storage temperature( °C )		-40~+85	

### ☆Ordering Information

Part number	Note	Options
XXX-XXX	Part type	<b>XHP-MMC</b>
X	Grade	<b>P</b> = P grade, <b>A</b> = A grade, <b>S</b> = customized
X	Port type	<b>1</b> = 1×2, <b>2</b> = 2×2
XXXX	Center wavelength	<b>850</b> = 1550nm , <b>1310</b> = 1310nm , <b>850/1310</b> = 850nm/1310nm
XX	Coupling ratio	<b>01</b> = 1/99, ... <b>05</b> = 5/95 ... , <b>50</b> = 50/50
X	Fiber	<b>1</b> = 62.5/125(OM1), <b>2</b> = 50/125(OM3), <b>3</b> = others
XXXX	Pigtail	<b>250</b> = 250μm, <b>900</b> = 900μm, <b>2000</b> = 2.0mm, <b>3000</b> = 3.0mm
XX	Interface	<b>FA</b> = FC/APC, <b>FU</b> = FC/UPC, <b>SA</b> = SC/APC, <b>SU</b> = SC/UPC, <b>LA</b> = LC/APC, <b>LU</b> = LC/UPC, <b>N</b> = None
XXXX	Package size	<b>PS1</b> = 2.4×42mm , <b>PS2</b> = 3×54mm , <b>PS3</b> = 90×14×8.5mm

**Example:** XHP-MMC -P-1-850-50-2-250-N-PS1

**Address:** F4 Building 3, No.33 of Nanjiang Road, Qionglai, Chengdu, China

**Web:** [www.xh-photonics.com](http://www.xh-photonics.com)

**Call:** +86-028-88758900/+86-13699812260 **Fax.:** +86-028-88758900 **E-mail:** [sales@xh-photonics.com](mailto:sales@xh-photonics.com) **Weixin:** wxid\_sanw8peldmci22