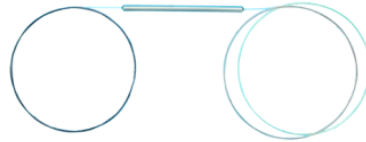


## 1×2 Special Fiber Coupler

### ☆Description

XHP 1×2 special 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

Parameters		Value					
Center wavelength (nm)		532	650	850	980	1064	1650
Wavelength range (nm)		±15					
Coupling ratio(%)		1/99 ~ 50/50					
Fiber		460-HP	630-HP	HI780C	780-HP	HI1060flex	SMF-28e
Excess loss(dB)	P grade	≤1.0					
	A grade	≤0.35					
Return loss(dB)		≥50					
Operating temperature(°C)		-5~+70					
Storage temperature(°C)		-40~+85					

### ☆Ordering Information

Part number	Note	Options
XXX-XXX	Part type	<b>XHP-SSC/DWC/TWC/WBC</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>W1</b> = 532nm , <b>W2</b> = 650nm , <b>W3</b> =850nm, <b>W4</b> =980nm, <b>W5</b> =1064nm, <b>W6</b> =1650nm
XX	Coupling ratio	<b>01</b> = 1/99, ... <b>05</b> = 5/95 ..., <b>50</b> = 50/50
X	Fiber	<b>PT1</b> = SMF-28e, <b>PT2</b> = HI1060Flex, <b>PT3</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

**Example:** XHP-SSC-P-1-W1-50-PT2-250-N-PS1