

Single-Mode Coupler: Standard 1x2, 2x2 (1310, or 1550nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter			Unit	Value
Wavelength			nm	1310, or 1550
Bandwidth			nm	±40
Excess Loss		Typ.	dB	0.1
Insertion Loss (23°C, All SOP)	50/50	Max	dB	3.6
	40/60	Max	dB	4.7/2.7
	30/70	Max	dB	6.0/2.0
	20/80	Max	dB	7.9/1.5
	10/90	Max	dB	11.3/0.65
	5/95	Max	dB	14.8/0.4
	1/99	Max	dB	22.5/0.3
PDL		Max	dB	0.15
Directivity		Min	dB	55
Optical Power Handling		Max	W	4
Operating Temperature			°C	-20 to 85
Storage Temperature			°C	-40 to 85

* The above specifications are for parts without connectors. Adding connectors can affect the IL, & PDL.

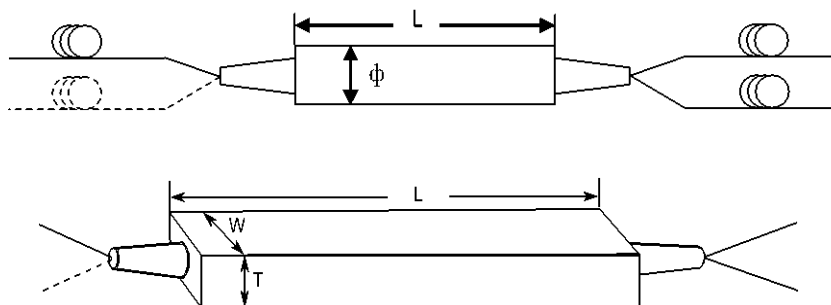
* SOP=State Of Polarization

Packaging

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Parameter		250µm bare fiber	900µm loose tube	900µm/3mm loose tube
Configuration		1x2 or 2x2		
Dimension	mm	Φ3.0 x L40 Φ3.0 x L54	φ3.0 x L54 φ3.0 x L56	L90 x W20 x T10

Package Diagram



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Ordering Information

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CP	Type	Wavelength	Coupler Ratio	Port	Package	Fiber Type	Cable Type	Fiber Length	Connector
CP	S=Standard	13=1310	50=50/50	12=1x2	A40=φ3.0 x L40	S=SMF-28	B=250um	05=0.5m	NE=None
		15=1550	20=20/80	22=2x2	A54=φ3.0 x L54		L=900um	10=1.0m	FA=FC/APC
		X=Others	10=10/90		A56=φ3.0 x L56	X= Others	W=2mm	15=1.5m	FC=FC/PC
			05=05/95	X= Others	C10=L90xW20x T10		H=3mm	20=2.0m	SA=SC/APC
			02=02/98					30=3.0m	SC=SC/PC
			01=01/99		X=Others			X=Others	ST=ST/PC
			X=Others						LA=LC/APC
									LC=LC/PC
									X=Others