恒研光电 HENGYAN PHOTONICS

Multi-Mode Coupler 1x2, 2x2

(850, 1310, or 850/1310nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter			Unit	Value
Wavelength			nm	850, 1310, or (850 and 1310)
Bandwidth			nm	±40
Excess Loss		Typ.	dB	0.4
Insertion Loss (23℃, All SOP)	50/50	Max	dB	3.7
	40/60	Max	dB	4.7/2.7
	30/70	Max	dB	6.0/2.1
	20/80	Max	dB	7.8/1.4
	10/90	Max	dB	11.2/0.9
	5/95	Max	dB	14.5/0.7
	2/98	Max	dB	18.6/0.6
	1/99	Max	dB	22.0/0.5
Directivity		Min	dB	40
Optical Power Handling		Max	W	4
Operating Temperature			ºC	-40 to 85
Storage Temperature			ºC	-40 to 85

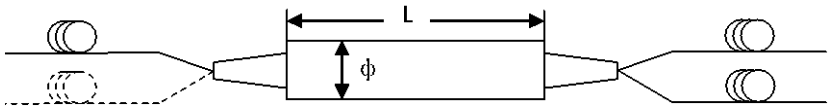
* The above specifications are for parts without connectors. Adding connectors can affect the IL.
*Above specifications are measured in low order modes
* SOP=State Of Polarization

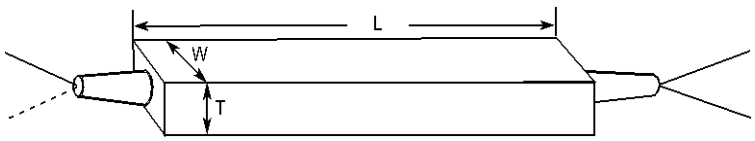
Packaging

Contact Hengyan Photonics with your custom configuration needs.

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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MMFC	Type	Wavelength	Coupler Ratio	Port	Package	Fiber Type	Cable Type	Fiber Length	Connector
MMFC (or MMCP)	W=Wide-Band D=Dual-Window	850=850 13=1310 38=1310/850 X: Others	50=50/50 20=20/80 10=10/90 05=05/95 02=02/98 01=01/99 00=SC Type X=Others	12=1x2 22=2x2 X= Others	A40=ϕ3.0 x L40 A54=ϕ3.0 x L54 A56=ϕ3.0 x L56 C10=L90 x W20 x T10 X=Others	M5=50/125um M6=62.5/125um X= Others	B=250um L=900um W=2mm H=3mm	05=0.5m 10=1.0m 15=1.5m 20=2.0m 30=3.0m X=Others	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC X=Others

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