

Mini-Size Single-Mode Coupler (1310, 1550nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Value
Wavelength		nm	1310, or 1550
Bandwidth		nm	±15
Excess Loss	Typ.	dB	0.07
Insertion Loss (23°C, All SOP)	50/50	Max dB	3.5
	40/60	Max dB	4.5/2.7
	30/70	Max dB	5.8/2.0
	20/80	Max dB	7.7/1.25
	10/90	Max dB	11.2/0.7
	5/95	Max dB	14.5/0.45
	2/98	Max dB	18.5/0.3
	1/99	Max dB	21.5/0.25
PDL	Max	dB	0.1
Directivity	Min	dB	55
Optical Power Handling	Max	W	4
Operating Temperature		°C	-40 to 85
Storage Temperature		°C	-40 to 85

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

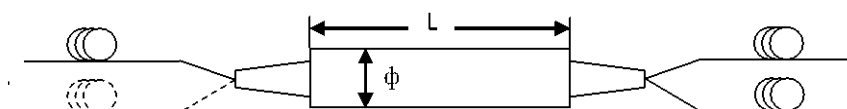
* SOP=State Of Polarization

Packaging

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Parameter		250μm bare fiber
Configuration		1x2 or 2x2
Dimension	mm	Φ2.4 x L25 (0.15 PDL) Φ2.4 x L30 (0.15 PDL) Φ3.0 x L30 Φ3.0 x L35

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	G25=Φ2.4 x L25	S=SMF-28	B=250um	05=0.5m	NE=None
		15=1550	20=20/80	22=2x2	G30=Φ2.4 x L30	X= Others	L=900um	10=1.0m	FA=FC/APC
		X: Others	10=10/90	X= Others	A30=Φ3.0 x L30		W=2mm	15=1.5m	FC=FC/PC
			05=05/95		A35=Φ3.0 x L35		H=3mm	20=2.0m	SA=SC/APC
			02=02/98		X=Others			30=3.0m	SC=SC/PC
01=01/99			X=Others	ST=ST/PC					
									LA=LC/APC
									LC=LC/PC
									X=Others