

SINGLE-MODE COUPLER: STANDARD 1x2, 2x2 (2000nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Value
Wavelength		nm	2000
Bandwidth		nm	±20
Excess Loss	Typ.	dB	0.3
Insertion Loss (23°C, All SOP)	50/50	Max dB	3.6
	40/60	Max dB	4.8/2.8
	30/70	Max dB	6.0/2.0
	20/80	Max dB	8.0/1.5
	10/90	Max dB	11.5/0.75
	5/95	Max dB	14.5/0.5
	2/98	Max dB	18.5/0.35
	1/99	Max dB	22/0.3
PDL	Max	dB	0.2
Directivity	Min	dB	50
Optical Power Handling	Max	W	4
Operating Temperature		°C	-40 to 75
Storage Temperature		°C	-40 to 85

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

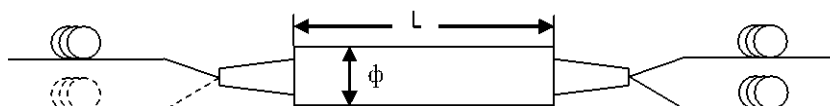
* SOP=State Of Polarization

Packaging

Contact Hengyan Photonics with your custom configuration needs.

Parameter		250μm bare fiber	900μm loose tube
Configuration		1x2 or 2x2	
Dimension	mm	Φ3.0 x L54	Φ3.0 x L70

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	20=2000	50=50/50	12=1x2	A54=φ3.0 x L54	S=SM 1950	B=250um L=900um	05=0.5m	NE=None
		X: Others	40=40/60	22=2x2	A70=φ3.0 x L70	X= Others		10=1.0m	FA=FC/APC
			30=30/70	X= Others	X=Others			15=1.5m	FC=FC/PC
			20=20/80					20=2.0m	SA=SC/APC
			10=10/90					30=3.0m	SC=SC/PC
			05=05/95						ST=ST/PC
			02=02/98					X=Others	LA=LC/APC
			01=01/99						LC=LC/PC
			X=Others						X=Others