

SINGLE-MODE COUPLER: STANDARD 1x2, 2x2 (1310, or 1550nm)

Specifications

Contact Ascentta 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	3.4
	40/60	Max dB	4.4/2.6
	30/70	Max dB	5.7/1.9
	20/80	Max dB	7.6/1.25
	10/90	Max dB	11.0/0.65
	5/95	Max dB	14.2/0.4
	2/98	Max dB	18.5/0.25
1/99	Max dB	21.5/0.2	
PDL		Max dB	0.1
Directivity		Min dB	55
Optical Power Handling		Max mW	300
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.

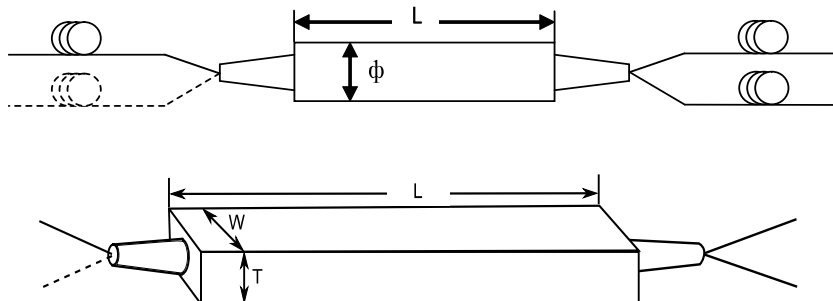
* SOP=State Of Polarization

Packaging

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Parameter		250µm bare fiber	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 15=1550 X: Others	50=50/50 20=20/80 10=10/90 05=05/95 02=02/98 01=01/99 X=Others	12=1x2 22=2x2 X= Others	A40=φ3.0 x L40 A54=φ3.0 x L54 A56=φ3.0 x L56 C10=L90xW20x T10 X=Others	S=SMF-28 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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