

## SINGLE-MODE COUPLER: WIDE-BAND 1x2, 2x2 (1310, or 1550nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value
Wavelength		nm	1310 or 1550
Bandwidth		nm	±40
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

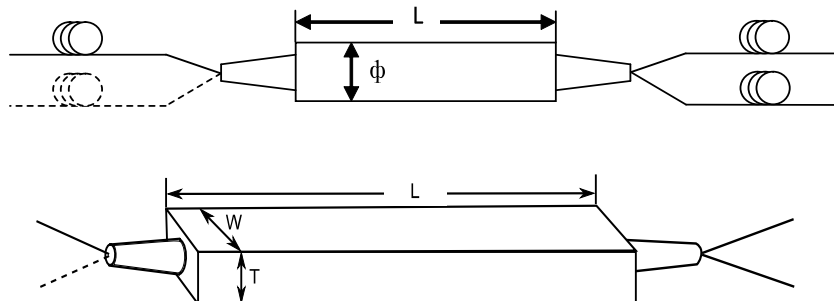
- \* The above specifications are for parts without connectors. Adding connectors can affect the IL, & PDL.
- \* SOP=State Of Polarization

### 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	W=Wide-Band	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	X= Others	L=900um	10=1.0m	FA=FC/APC
		X: Others	10=10/90	X= Others	A56=φ3.0 x L56		W=2mm	15=1.5m	FC=FC/PC
			05=05/95		C10=L90xW20xT10		H=3mm	20=2.0m	SA=SC/APC
			02=02/98					30=3.0m	SC=SC/PC
			01=01/99						ST=ST/PC
			X=Others		X=Others			X=Others	LA=LC/APC
									LC=LC/PC
									X=Others

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