

SINGLE-MODE COUPLER: STANDARD 1X2, 2X2 (1310, or 1550nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value
Operating Wavelength		nm	1310, or 1550
Operating Bandwidth		nm	±40
Excess Loss	Typ.	dB	0.1
	50/50	Max	3.6
	40/60	Max	4.7/2.7
Insertion Loss (23°C)	30/70	Max	6.0/2.0
	20/80	Max	7.9/1.5
	10/90	Max	11.3/0.65
	5/95	Max	14.8/0.4
	1/99	Max	22.5/0.3
PDL	Max	dB	0.15
Directivity	Min	dB	55
Optical Power Handling	Max	mW	300
Operating Temperature		°C	-20 to 70
Storage Temperature		°C	-40 to 85

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

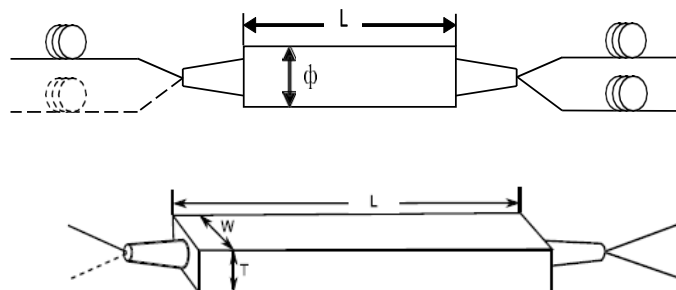
* SOP=State Of Polarization

Packaging

Contact Ascentta with your custom configuration needs.

Parameter		250µm bare fiber	900µm loose tube	900µm/2mm/3mm loose tube
Configuration		1x2 or 2x2		
Dimension	mm	φ 3.0 x L40	φ 3.0 x L54	L90 x W20 x T10
		φ 3.0 x L54	φ 3.0 x L60	

Package Dimensions



SINGLE-MODE COUPLER: STANDARD 1X2, 2X2 (1310, or 1550nm)

Ordering Information

Contact Ascentta with your custom configuration needs.

CP	Type	Wavelength	Coupler Ratio	Ports	Package	Fiber Type	Cable Type	Fiber Length	Connector
CP	S=Standard	13=1310nm	50=50/50	12=1x2	A54= Φ 3.0 x L54	S=SMF-28	B=250um	05=0.5m	NE=None
		15=1550nm	20=20/80	22=2x2	A60= Φ 3.0 x L60	X=Others	L=900um	10=1.0m	FA=FC/APC
		X=Others	10=10/90		C10=L90 x W20 x T10		W=2mm	15=1.5m	FC=FC/PC
			05=05/95		X=Others		H=3mm	20=2.0m	SA=SC/APC
	02=02/98			X=Others		30=3.0m	SC=SC/PC		
	01=01/99						ST=ST/PC		
			X=Others				X=Others	LA=LC/APC	
								LC=LC/PC	
									X=Others