

## SINGLE-MODE TRI-WINDOW COUPLER (1310/1490/1550nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value
Wavelength		nm	1310, 1490, and 1550
Bandwidth		nm	1310±40, 1490±10, and 1550±40
Excess Loss		Typ. dB	0.07
Insertion Loss (23°C, All SOP)	50/50	Max dB	3.6
	40/60	Max dB	4.7/2.7
	30/70	Max dB	6.0/1.9
	20/80	Max dB	7.9/1.3
	10/90	Max dB	11.2/0.75
	5/95	Max dB	14.6/0.4
	2/98	Max dB	18.8/0.3
1/99	Max dB	22.5/0.25	
PDL		Max dB	0.15
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.

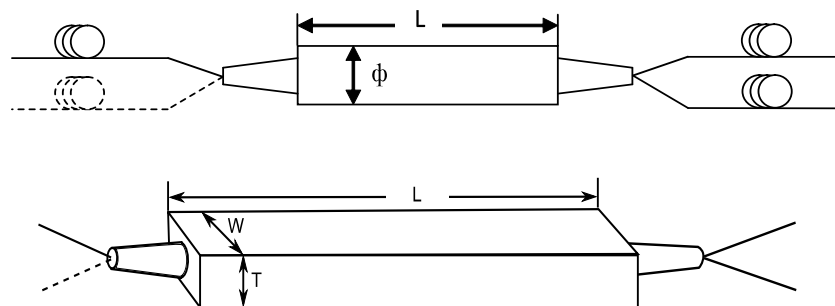
\* SOP=State Of Polarization

### Packaging

Contact Ascentta with your custom configuration needs.

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



Contact Ascentta for all your custom design needs.

**SINGLE-MODE TRI-WINDOW COUPLER**  
(1310/1490/1550nm)

**Ordering Information**

Contact Ascentta with your custom configuration needs.

CP	Type	Wavelength	Coupler Ratio	Port	Package	Fiber Type	Cable Type	Fiber Length	Connector
CP	T=Tri-Window	345=1310 + 1490 + 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

Contact Ascentta for all your custom design needs.