

**SINGLE-MODE DUAL-WINDOW COUPLER: TREE AND STAR MODULE**  
(1310/1550nm)

**Specifications**

Contact Ascentta with your custom specification needs.

Parameter		Unit	Type Nx4	Type Nx8	Type Nx16	Type Nx32
			N=1, 2	N=1,2	N=1, 2	N=1, 2
Wavelength		nm	1310, and 1550			
Bandwidth		nm	±40			
Excess Loss	Typ.	dB	0.3	0.45	0.6	0.75
Insertion Loss (23°C, All SOP)	Max	dB	7.2	10.8	14.4	18
PDL	Max	dB	0.3	0.4	0.5	0.6
Directivity	Min	dB	55			
Optical Power Handling	Max	mW	300			
Operating Temperature		°C	-20 ~ +70			
Storage Temperature		°C	-40 ~ +85			

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

\* SOP=State Of Polarization

**Ordering Information**

Contact Ascentta with your custom configuration needs.

CP	Type	Wavelength	Coupler Ratio	Port	Package	Fiber Type	Cable Type	Fiber Length	Connector
CP	D=Dual-Window  X: Others	35=1310/1550  X: Others	25=24%  X=Others	14=1x4 24=2x4 18=1x8 28=2x8  X= Others	Contact Ascentta with your packaging needs.	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.