

SINGLE-MODE COUPLER: STANDARD MONOLITHIC 1x3, 3x3 (1310, 1480, or 1550 nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	1x3	3x3
Wavelength		nm	1310, 1480, or 1550	
Bandwidth		nm	±20	
Excess Loss	Typ	dB	0.15	0.2
	Max	dB	5.8	6.0
Insertion Loss (23°C, All SOP)	Typ	dB	5.6	5.8
	Max	dB	5.8	6.0
PDL	Max	dB	0.30	
Uniformity	Max	dB	1.5	
Directivity	Min	dB	50	
Optical Power Handling	Max	mW	300	
Package		mm	OD4.0 x L60	
Operating Temperature		°C	-5 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

Ordering Information

Contact Ascentta with your custom configuration needs.

CP	Type	Wavelength	Coupler Ratio	Port	Package	Fiber Type	Cable Type	Fiber Length	Connector
CP	S=Standard	13=1310nm	33=33%	13=1x3	K60=OD4.0xL60mm	S=SMF-28	B= 250um	05=0.5m	NE=None
		14=1480nm		33=3x3	X=Others	X=Others	L= 900um	10=1.0m	FA=FC/APC
		15=1550nm					X=Others	15=1.5m	FC=FC/PC
								20=2.0m	SA=SC/APC
								30=3.0m	SC=SC/PC
								X=Others	ST=ST/PC
									LA=LC/APC
									LC=LC/PC
									X=Others

Package Dimensions

