

Single-Mode Coupler: Standard Monolithic 1x3, 3x3

(1310, 1480, or 1550 nm)

Specifications

Contact Hengyan Photonics 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
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	W	4	
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 Hengyan Photonics 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	A54=OD3.0xL54mm	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

