

Single-Mode Polarization Insensitive Isolator (C+L Band)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Single Stage	Dual Stage
Wavelength		nm	1530-1610	
Isolation (1530-1610nm, 23°C, All SOP)		Min dB	23	40
Insertion Loss (1530-1610nm, All SOP)	(23°C)	Typ. dB	0.5	0.7
	(-5 to 70°C)	Max dB	0.8	1.0
PDL		Max dB	0.1	0.1
PMD		Max ps	0.25^	0.1
Return Loss (Input/Output)		Min dB	50/50	
Optical Power Handling		mW	300	
Fiber Type		-	SMF-28	
Package Dimension		mm	Φ5.5 x L35	
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

^ Max PMD is 0.25 for non-compensated single-stage parts.

Ordering Information

Contact Hengyan Photonics with your custom configuration needs.

IS	Stages	Wavelength	Fiber Type	Fiber Length	Connector	Package
IS	S=single stage D=dual stage	CL=C+L Band X=Others	B=SMF-28 250um L=SMF-28 900um X=Others	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	Blank = Standard (Φ5.5 x L35) X=Others

Package Dimensions

