

Single-Mode Polarization Insensitive Isolator Array (1310, 1480, 1550, 1590nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter	Unit	Single Stage	Dual Stage
Center Wavelength	nm	1310 or 1480, or 1550, or 1590	
Peak Isolation (23°C, All SOP)	Typ. dB	40	52
Isolation ($\lambda \pm 20$ nm All SOP) (23°C)	Min dB	28	40
Insertion Loss (λ 23°C, All SOP)	Typ. dB	0.6	1.1
Insertion Loss ($\lambda \pm 20$ All SOP)(-5 to 70°C)	Max dB	0.8	1.4
PDL	Max dB	0.1	0.15
PMD	Max ps	0.1/0.25 [^]	
Return Loss (Input/Output)	Min dB	55/55	
Optical Power Handling	mW	300	
Fiber Type	-	SMF-28	
Package Dimension	mm	$\Phi 5.5 \times L35$	
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.

ISA	# of Channels	Stages	Wavelength	Fiber Type	Fiber Length	Connector
ISA	2=2	S=single stage	13=1310nm	B=SMF-28 250um	10=1.0m	NE=None
	3=3		14=1480nm	L=SMF-28 900um	15=1.5m	FA=FC/APC
			15=1550nm		20=2.0m	FC=FC/PC
			159=1590nm	X=Others	30=3.0m	SA=SC/APC
			X=Others		X=Others	SC=SC/PC
						ST=ST/PC
						LA=LC/APC
						LC=LC/PC
						X=Others

Package Dimensions

