



1060nm Polarization Maintaining Single Stage Optical Isolator

PERFORMANCE SPECIFICATIONS

Parameter	Specifications	
	P Grade	A Grade
Operation Wavelength	1060nm	
Peak Isolation (Typ.)	38dB	36dB
Isolation (Min.) (@23°C)	32dB	30dB
Insertion Loss* (Typ.) (@23°C)	1.5dB	1.6dB
Insertion Loss* (Max.) (@-5°C to +70°C)	2.0dB	2.2dB
Return Loss (In/Out) (Min.)	55/50dB	55/50dB
Extinction Ratio (Min.)	20dB	18dB
Tensile Load (Max.)	5N	
Optical Power	300mW	
Operating Temperature	-5 to +70°C	
Storage Temperature	-40 to + 85°C	
Fiber Type	Panda 980 Fiber or Specify	
Fiber Length (Min.)	0.75m each end	
Package Dimensions	Ø 5.5mm x L35mm	

FEATURES

High Isolation
Low Insertion Loss
High Return Loss
High Extinction Ratio
Epoxy Free Optical Path

APPLICATION

Fiberoptic Amplifiers
CATV Fiberoptic Links
Fiberoptic Systems Testing
Fiberoptic LAN Systems
Telecommunications

Note

* Does not include connector, splice and fiber-end fresnel losses.

ORDERING INFORMATION

Isolator Type	Operating Wavelength	Grade	Pigtail Style	Fiber Length	Package	In/Out Connector	Working axis
PMIS = Single stage	10 = 1060nm	P = P Grade A = A Grade	1 = Bare Fiber 2 = 900um Loose Tube Panda Fiber S = Specify	1 = 0.75m 2 = 1.0m 3 = 1.5m S = Custom Length	B = Package B	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC	S = Slow axis working B = Both axes working F = Fast axis working