



1060nm High Power Polarization-Insensitive OPTical Isolator



Features

- High Power Handling
- Low Insertion Loss/ high Isolation
- High Return Loss
- Low Polarization Sensitivity
- Optical Path Epoxy Free

Applications

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

Performance Specifications

Stage	Single stage	Dual Stage
Operating Wavelength (nm)	1060	
Typical Peak Isolation (dB)	38	50
Minimum Isolation *(dB)	28	44
Typical Insertio Loss** (dB)	1.8	2.8
Mmaximum Insertion Loss*** (dB)	2.2	4.2
Return Loss (In/Out) (dB)	≥50	≥50
PDL (dB)	≤0.15	≤0.15
PMD (ps)	0.25	
Operating Temperature (°C)	-20 ~ + 70	
Storage Temperature (°C)	-40 ~ + 85	
Fiber Type	HI 1060	
Fiber Length (Min.)	1 meter each end	
Dimensions (mm)	φ 5.5xL34(L38 for 900um jacket)	
Power Handling (mW)	600	

* At 23°C over bandwidth

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

*** Including PDL, operating wavelength range , -20°C to +70°C

Ordering Information

Isolator Type	Wavelength	Grade	Pigtail Style	Fiber Length	Package	In/Out Connector
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> HPIS=Single Stage HP IU=Dual Stage	1060=1060nm	P=P Grade	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1=Bare Fiber 2=900um Jacket	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 1=1.0m 2=1.5m 3=2.0m 4=Custom Length	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B=Package B	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> 0=None 1=FC/APC 2=FC/PC 3=SC/APC 4=SC/PC 5=ST 6=LC