

Single Stage Isolator

Features

- ◆ High Isolation
- ◆ Low Insertion Loss
- ◆ High Return Loss
- ◆ Low Polarization Sensitivity
- ◆ Optical Path Epoxy Free



Application

- ◆ Fiber optic Amplifiers
- ◆ FiberLaser
- ◆ Fiber optic Systems Testing
- ◆ LAN
- ◆ CATV
- ◆ Satellite communication

Specification

Parameter	1310 or 1550 （±15）		1565-1610	
Operating Wavelength (nm)	P grade	A grade	P grade	A grade
Typ Isolation (dB)	42	40	≥42	≥40
Min Isolation (dB)	32	30	≥30	≥28
Typ IL (dB)	0.3	0.4	0.4	0.5
Min IL (dB)	0.5	0.7	≤0.6	≤0.8
RL (dB)	≥65/60	≥60/55	≥65/60	≥60/55
PDL (dB)	≤0.05	≤0.1	≤0.05	≤0.1
PMD (dB)	0.2		0.2	
Operating Temperature (° C)	-20 ~ + 70			
Storage Temperature (° C)	-40 ~ +85			
Fiber Type	Corning SMF-28, 250um bare fiber or 900um tight buffer			
Package Dimension (mm)	Ø 5.5xL30			
Power Handling(MW)	300			

Ordering Information

GBIS	Type	Wavelength	Fiber Type	Fiber Length	Connector Type
GB-Link Isolator	S=Single Stage	13=1310nm 15=1550nm	B=250um bear fiber 09=0.9mm	10=1m 15=1.5m 20=2m	0=No connector 1=SC/APC 2=SC/UPC 3=LC/APC 4=LC/UPC 5=FC/APC 6=FC/UPC ST=ST connector
	D=Dual Stage	L= L band CL=C+L band XX=others			