深圳市光辉通信技术有限公司
Shenzhen GB-Link Technology Co,. LTD
Http//www.GB-Link.com

Dual 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 （±30）		1460 ~ 1610 (C+L Band)	1565-1610 (L Band)	
Operating Wavelength (nm)	P grade	A grade		P grade	A grade
Typ Isolation (dB)	58	56	50	≥50	≥45
Min Isolation (dB)	46	45	≥45	≥45	≥40
Typ IL (dB)	0.4	0.5	0.6	0.65	0.8
Min IL (dB)	0.6	0.8	≤0.90	≤0.80	≤1.2
RL (dB)	≥65/60	≥60/55	60/55	≥65/60	≥60/55
PDL (dB)	≤0.05	≤0.1	≤0.1	≤0.05	≤0.1
PMD (dB)	0.1		0.05	0.1	
Operating Temperature (° C)	-20 ~ + 70		-20 to + 70	-20 to + 70	
Storage Temperature (° C)	-40 ~ +85		-40 to +85	-40 to +85	
Fiber Type	Corning SMF-28, 250um bare fiber or 900um tight buffer				
Package Dimension (mm)	Ø 5.5xL30		F5.5xL34	F5.5xL30	
Power Handling(MW)	300				

Ordering Information

GBIS	–	Type	–	Wavelength	–	Fiber Type	Fiber Length	–	Connector Type
GB-Link Isolator		S=Single Stage D=Dual Stage		13=1310nm 15=1550nm L= L band CL=C+L band XX=others		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