

シングルステージLバンド光アイソレータ
Single Stage L-Band Optical Isolator

Feature

High Isolation
 Low Insertion Loss
 High Return Loss
 Low PDL
 Optical Path Epoxy Free

Applications

Fiber optical Amplifiers
 CATV System
 Fiber optical system testing
 LAN
 Telecommunications

Performance Specifications

Parameter	Super Premium	Premium	A Grade
Wavelength	1585nm		
Peak Isolation(Typ.) (1565~1605nm,23°C, SOP)	≥42dB	≥41dB	≥40dB
Isolation(Min.) (1565~1605nm,23°C, SOP)	≥32dB	≥31dB	≥30dB
Insertion Loss(Typ.) (1565~1605nm,23°C, SOP)	0.25dB	0.30dB	0.40dB
Isolation(Max.) (1565~1605nm,0-60°C, SOP)	≤0.40dB	≤0.50dB	≤0.70dB
Return Loss(In/Out)	≥65/60dB	≥65/60dB	≥60/55dB
Polarization Dependent Loss	≤0.05dB	≤0.05dB	≤0.10dB
Bandwidth(nm)	±15nm		
Operating Temperature(°C)	-20~+70		
Storage Temperature(°C)	-40~+85		
Fiber Type	Corning SMF-28		
Fiber Pigtail Length	1Meter Each End		
Fiber Pigtail Type	250um bare fiber or 900um tight buffer		
Package Dimension	5.5X30mm		
Maximum Power	300mW		

Ordering information

Isolator Type	Grade	Wave length	Pigtail Type	Fiber Type	Connector Type
IS=Single Stage IU=Dual Stage	P A S	LB=L Band	R=0.25mm Bare Fiber L=0.9mm Jacket	1=1.0m 2=1.5m 3=2.0m 4=Custom Length	0=None FC=FC/PC SC=SC/PC FA=FC/APC SA=SC/APC ST=ST

* 詳細は、お手数ですがお問い合わせフォームにお願いします。

Contact your OSTenp representative for information on specifications and availability.