

Single/Dual Stage Isolator

Features:

High Isolation
Low Insertion Loss
Ultra Low PDL&PMD
Low Polarization Sensitivity
Epoxy-Free Optical Path

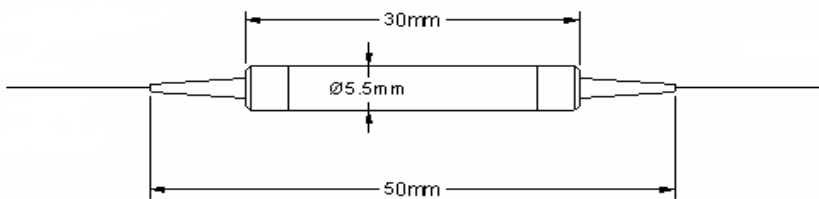
Applications:

Fiberoptic Amplifiers
CATV Fiberoptic Links
Fiberoptic Instruments
MDM Systems
Laboratory R&D

Performance Specifications

OIS Series		Single Stage		Dual Stage	
		P Grade	A Grade	P Grade	A Grade
Operating wavelength	nm	1310, 1480 or 1550			
Bandwidth	nm	±15		±30	
Typ.Isolation	dB	≥40	≥36	≥50	≥48
Min.Isolation	dB	≥32	≥30	≥46	≥43
Typical Insertion Loss	dB	0.4	0.6	0.65	0.7
Max.Insertion Loss	dB	0.55	0.7	0.75	0.8
Return Loss(In/Out)	dB	60/55	60/55	60/55	60/55
PDL Loss	dB	0.05	0.1	0.1	0.15
PMD	dB	0.15		0.05	
Operating temperature	℃	-5~+70			
Storage temperature	℃	-40~+85			
Fiber type		Corning SMF-28			
Max.Optical power	mW	500			
Package dimension	mm	∅5.5 x L30(L38 for 900um jacket)			

Package Dimensions



Ordering Information: HIC-①①-②-③-④-⑤-⑥-⑦

①①Operating Wavelength

13=1310nm

14=1480nm

15=1550nm

S=Custom spec

③Grade

P=P Grade

A=A Grade

④Fiber Type

1=250um Bare Fiber

2=900um Loose Tube

S=Custom spec

⑤Fiber Length

1=1m

S=Custom spec

⑥Package size

A=APackage size

B=BPackage size

S=Custom spec

⑦Connector

0=None

1=FC/UPC

2=FC/APC

3=SC/UPC

4=SC/APC

5=ST

S=Custom spec

②Type

S=Single stage

D=dual stage