

Mini 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	∅ 3.0 x L26			

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

①① Operating Wavelength

13=1310nm

14=1480nm

15=1550nm

S=Custom spec

③ Grade

P=P Grade

A=A Grade

⑤ Fiber Length

1=1m

S=Custom spec

⑦ Connector

0=None

1=FC/UPC

2=FC/APC

3=SC/UPC

4=SC/APC

5=ST

S=Custom spec

② Type

S=Single stage

D=dual stage

④ Fiber Type

1=250um Bare Fiber

2=900um Loose Tube

S=Custom spec

⑥ Package size

A=A Package size

B=B Package size

S=Custom spec