

OPC-Free Space Isolator

Features:

High Isolation
 Low Insertion Loss
 High Return Loss
 Low Polarization Sensitivity

Applications:

Fiber optic Amplifiers
 CATV Fiber optic Links
 Fiber optic Systems Testing
 Fiber optic LAN Systems
 Telecommunications



Performance Specifications:

Parameter	Single stage optical isolator		Dual stage optical isolator	
	P	A	P	A
Grade				
Operating wavelength (nm)	1310 or 1550			
Typical Isolation (dB)	>42	>40	>60	>55
Min. Isolation (dB)	>28	>26	>48	>46
Max. insertion Loss (dB)	0.2	0.25	0.3	0.35
Operating temperature (°C)	-5 ~ + 65			
Storage temperature (°C)	-40 ~ +85			
Fiber type	Corning SMF-28			
Fiber length	1m			
Power handling (mw)	300			

* at 23 °C over bandwidth

** Does not include connector, splice and fiber-end fresher losses.

*** Including PDL, operating wavelength range, -20° C to +70° C.

**** Specifications may change without notice

Order Information:

OPC-Isolator-①-②-③-④-⑤-⑥

① Isolator Type

1=Single stage
 2=Dual stage

② Operating wavelength

13=1310nm
 14=1480nm
 15=1550nm
 LB=L band

③ Grade

P=P Grade
 A= A Grade

④ Seal type

1= path of rays has the rubber
 2= path of rays does not have the rubber

⑤ Seal size

1=2.5*1.4*1.8mm
 2=2.5*2.15*1.8mm
 3=2.5*2.15*2.0mm
 4=2.5*2.15*3.0mm
 5=Ø2.99*3.0mm
 6=Ø2.5*1.4mm
 7=Ø2.5*1.8mm
 8=Ø2.5x2.0mm
 9=Ø2.5*3.0mm
 C=customized