OPPTON
Optical Fiber Equipments

OPC-1060nm Single / Dual Stage Isolator

Features:

High Isolation
Low Insertion Loss
High Return Loss
Low Polarization Sensitivity

Applications:

Fiberoptic Amplifiers
CATV Fiberoptic Links
Fiberoptic Systems Testing
Fiberoptic LAN Systems
Telecommunications

Performance Specifications:

Product name	1060 single stage isolator		1060 dual stage isolator	
Parameter	P Grade	A Grade	P Grade	A Grade
Operating wavelength (nm)	1060			
Typical isolation (dB)	40	38	55	50
Min. Isolation (dB)	30	28	45	40
Typical Insertion Loss (dB)	1.5	1.8	2.4	2.8
Max. insertion Loss (dB)	2	2.2	3.4	4.2
Return loss (In/Out) (dB)	> 50			
Polarization dependent loss (dB)	< 0.15			
PMD (dB)	0.2	0.25	0.2	0.25
Band width (nm)	±15		±30	
Operating temperature (°C)	-20 ~ + 70			
Storage temperature (°C)	-40 ~ +85			
Fiber type	Corning hi 1060			
Fiber length	1meter			
Dimensions(mm)	Ø5.5xL35			

** at 23 ℃ 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 1610-① -②- ③- ④- ⑤- ⑥

①Isolator Type
1=Single stage
2=Dual stage

②Operating wavelength
10=1060nm

③Grade
P=P Grade
A= A Grade

④Pigtail type
1=Bare Fiber
2=2=900um jacket

⑤Fiber length
1=1.0m
2=1.5m
3=2.0m
4=Customized

⑥In/out connector
0=none
1=FC/APC
2=FC/PC
3=SC/AC
4=SC/PC
5=ST
6=LC