

PI光アイソレータ  
Polarization-Insensitive 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	Single stage optical isolator		Dual stage optical isolator	
	P	A	P	A
Grade				
Operating wavelength (nm)	1310 or 1550			
Typical peak &value isolation (dB) (23°C)	>42	>40	>52	>50
Minimum &value isolation (dB) (23°C)	>32	>30	>46	>45
Insertion loss typical &value (dB)	0.3	0.4	0.4	0.5
Insertion loss maximum value (dB)	<0.5	<0.7	<0.6	<0.8
Return loss (In/Out) (dB)	>65/60	>60/55	>65/60	>60/55
PDL (dB)	< 0.05	< 0.1	< 0.05	< 0.1
PMD (dB)	0.2(0.05 available upon request)			
Band width (nm)	±15		±30	
Operating temperature (°C)	20 ~ + 70			
Storage temperature (°C)	-40 ~ +85			
Fiber type	Corning SMF-28			
Fiber length	1m			
Dimensions(mm)	5.5x30			
Power handing (mw)	300			

\* 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.