



**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	Super Premium	Premium	A Grade
Wavelength	1585nm		
Peak Isolation(Typ.) (1565~1605nm,23°C, SOP)	≥42dB	≥41dB	≥40dB
Isolation(Min.) (1565~1605nm,23°C, SOP)	≥32dB	≥31dB	≥30dB
Insertion Loss(Typ.) (1565~1605nm,23°C, SOP)	0.25dB	0.30dB	0.40dB
Isolation(Max.) (1565~1605nm,0-60°C, SOP)	≤0.40dB	≤0.50dB	≤0.70dB
Return Loss(In/Out)	≥65/60dB	≥65/60dB	≥60/55dB
Polarization Dependent Loss	≤0.05dB	≤0.05dB	≤0.10dB
Bandwidth(nm)	±15nm		
Operating Temperature(°C)	-20~+70		
Storage Temperature(°C)	-40~+85		
Fiber Type	Corning SMF-28		
Fiber Pigtail Length	1Meter Each End		
Fiber Pigtail Type	250um bare fiber or 900um tight buffer		
Package Dimension	5.5X30mm		
Maximum Power	300mW		



**Ordering information**

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Isolator Type	Grade	Wave length	Pigtail Type	Fiber Type	Connector Type
IS=Single Stage IU=Dual Stage	P A S	LB=L Band	R=0.25mm Bare Fiber L=0.9mm Jacket	1=1.0m 2=1.5m 3=2.0m 4=Custom Length	0=None FC=FC/PC SC=SC/PC FA=FC/APC SA=SC/APC ST=ST

