

Product Information

FREE SPACE ISOLATOR (FSI)



Features

- Low PDL
- Low Insertion Loss
- Excellent Uniformity
- High Directivity
- Highly Stable and Reliable

Applications

- Telecommunications
- Local Area Network (LAN)
- Passive Optical Network (PON)
- Cable TV
- Fiber sensors

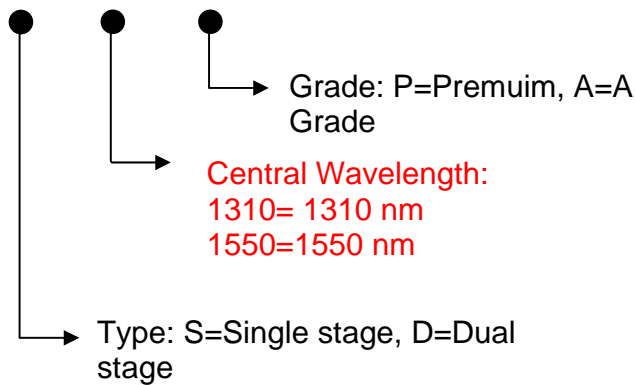
Product Performance Characteristics

Parameters	Single stage		Dual Stage	
	Premium	A Grade	Premium	A Grade
Central Wavelength (nm)	1310 or 1550			
Bandwidth (nm)	± 20			
Min. Peak Isolation (db) (at 23°C)	42	40	58	55
Min. Isolation in Band (dB) (at 23°C)	28	26	45	42
Min. Isolation in Band (dB) (0°C ~ 70°C)	20	18	36	30
Max. Insertion Loss (dB) in Band (0°C ~ 70°C)	0.25	0.3	0.4	0.5
Clear Aperture (Min.)	0.9 mm			
Power Handling (Max.)	1000 mW			
Operation Temperature	0°C ~ 70°C			
Package Dimension (mm)	2.5φ x 2.1		2.5φ x 3.5	

Special dimension upon request

Ordering information

FSI-X-XXXX-X-UM



Rev A 2006-03-28

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