

PRODUCT DESCRIPTION

Gould's Fiber Optic Isolator transmits the light in one direction, but blocks the reflection light in the reverse direction. The Bellcore GR-1209-CORE-compliant product offers low insertion loss, high optical isolation and excellent environment stability. Gould's Fiber Optic Isolators are available as both polarization dependent and independent, depending on the application.

FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- Highly Stability and Reliability



APPLICATIONS

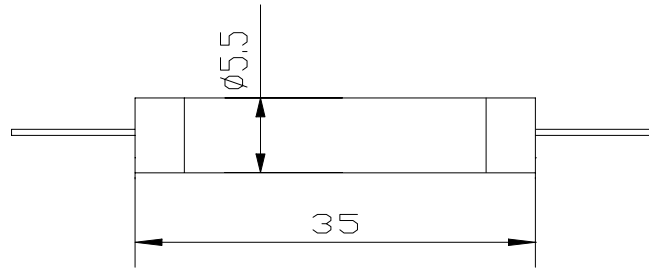
- Fiber Optic Amplifiers
- High-Speed DFB Laser
- CATV Fiber Optic Links
- WDM Systems
- Transmitters and Fiber Lasers

OPTICAL PARAMETERS

Parameters	Single Stage		Dual Stage	
Wavelength Range (nm)	1310(±20), 1550(±20)			
Grade	P	A	P	A
Maximum Insertion Loss (dB)	0.4	0.6	0.6	0.8
Peak Isolation Typical (dB)	42	40	58	53
Minimum Isolation (23°C) (dB)	32	30	46	45
Polarization Dependent Loss (dB)	0.05	0.15	0.05	0.15
Polarization Mode Dispersion (ps)	0.20	0.25	0.05	0.10
Return Loss (dB)	65/60	60/55	65/60	60/55
Maximum Power Handling (mw)	300			
Maximum Tensile Load (N)	5			
Operating Temperature (°C)	-20 to +60 (PD: +75)			
Storage Temperature (°C)	-40 to +85			

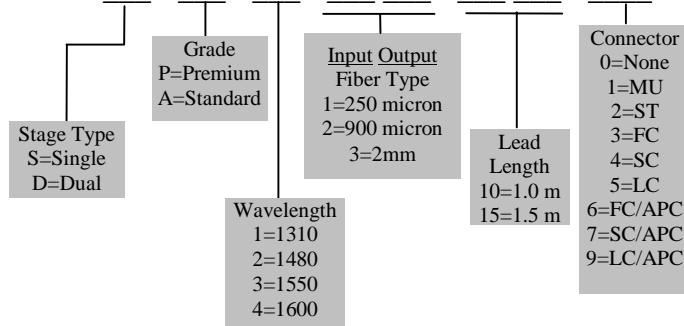
MECHANICAL PACKAGING DIAGRAM (mm)

(All dimensions are in mm; drawings are not to scale)



ORDERING INFORMATION

ISO



For custom options and additional information, please contact us at:

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Web: www.gouldfo.com

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Isolator