ISOLATOR

Polarization Maintaining Isolator

Features:

- High isolation
- Low insertion loss
- Wide operating wavelength
- Environmental stability and reliability
- Wide operating temperature

Applications:

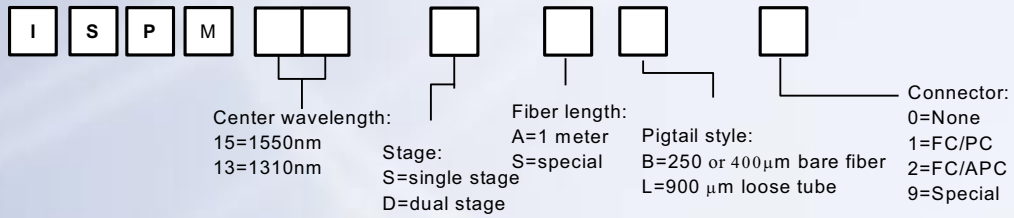
- EDFA
- CATV fiber optics link
- WDM and DWDM system
- Fiber optic instruments
- Transmitters and fiber laser

Specifications:

Parameter	Single stage	Dual stage
Center Wavelength(λ_c)	1550 nm or 1310nm	
Peak Isolation	$\geq$ 40 dB	$\geq$ 55 dB
Isolation(23°C)	$\geq$ 30 dB($\lambda_c \pm$ 15nm)	> 46 dB($\lambda_c \pm$ 30nm)
Insertion Loss (λ_c, 23°C) typ.	$\leq$ 0.5 dB	$\leq$ 0.8 dB
Insertion Loss (0-65°C)	$\leq$ 0.7 dB ($\lambda_c \pm$ 15nm)	$\leq$ 1.0 dB ($\lambda_c \pm$ 20nm)
Return Loss (Input Output)	$\geq$ 50 50 dB	$\geq$ 50 50 dB
Extinction ratio	$\geq$ 20 dB	
Fiber type	PM panda fiber 400 or 250μm	
Fiber length	1 meter	
Operating Temperature	0 °C to +65 °C	
Storage Temperature	-40 °C to +85 °C	
Package Dimension	5.5 mm (ϕ) x 35 mm (L)	

Note1: All values specified are without connectors.
Note2: Higher performance specifications upon request.

Order Information:



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LIGHTEL TECHNOLOGIES, INC.
1034 Central Avenue South • Kent, WA 98032
Tel 253.814.2862 • Fax 253.813.2861
www.lighteltech.com