

Polarization Insensitive Isolators: Dual Stage

Performance Specifications

| Parameters* | | Premium | Grade A | Unit |
|--|------------------------|--------------------------|-------------|------|
| Operating Wavelength Range | | 1310/1480/1550/1600 | | nm |
| Minimum Isolation (wavelength \pm 20nm, 23°C, all SOP) | | \geq 46 | \geq 45 | dB |
| Minimum Isolation (wavelength \pm 20nm, 0 ~ 70°C, all SOP) | | \geq 35 | \geq 32 | dB |
| Insertion Loss (wavelength \pm 20nm, 23°C, all SOP) | | \leq 0.4 | \leq 0.6 | dB |
| Insertion Loss (wavelength \pm 20nm, 0 ~ 70°C, all SOP) | | \leq 0.6 | \leq 0.8 | dB |
| Polarization Dependent Loss | | \leq 0.10 | \leq 0.15 | dB |
| Polarization Mode Dispersion | | \leq 0.05 | \leq 0.05 | ps |
| Optical Return Loss | | \geq 60 | \geq 55 | dB |
| Maximum Optical Power | | 500 | | mW |
| Operating Temperature | | 0 ~ 70 | | °C |
| Storage Temperature | | -40 ~ 85 | | °C |
| Fiber Type | | Corning SMF-28 | | |
| Max. Tensile Load | | 5 | | N |
| Package Design | | Stainless Steel Tube | | |
| Dimension | Bare Fiber | \varnothing 5.5 x 30.5 | | mm |
| | 900 μ m Loose Tube | \varnothing 5.5 x 35 | | |

*Target specifications are referenced without any connectors.

P/N Scheme: Isolator

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