

GP850 PRECISION VARIABLE OPTICAL ATTENUATOR

Singlemode NAT800 Slot Card

OPTICAL SPECIFICATIONS¹

Operating Wavelength		1260 to 1680 nm
Attenuation Range		0 - 60 dB max.
Excess Loss ²		1.1 dB max. ³
Flatness	0 to 30 dB	±0.1 dB max.
PDL	0 to 20 dB	0.2 dB max
	20 to 30 dB	0.3 dB max.
Back Reflection		-50 dB max.
Repeatability ⁴		±0.05 dB max.
Attenuation Accuracy	0 to 40 dB	±0.1 dB max.
Tuning Resolution	0 to 40 dB	0.04 dB max.
Tuning Speed		1800 ms max.
Optical Power ⁵		500 mW max.
Fiber Type		Singlemode

1. All specifications are measured separately at room temperature for each Test Wavelength
2. Measured with 3-jumper method or equivalent (See TIA/EIA 526-7)
3. Multi-band adds 0.2 dB
4. Repeatability is defined over 100 cycles
5. Met by design, not measured

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0 to 50°C, < 85% RH
Storage Temperature	-40 to 70°C, < 40% RH

MECHANICAL SPECIFICATIONS

Slot Width	37.8 mm
Slot Depth	487.6 mm
Slot Height	146 mm

