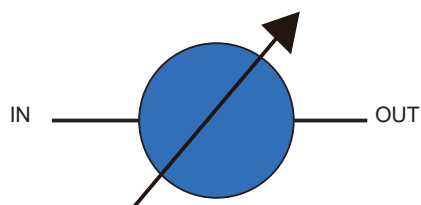


- Ideal for Multimode Fiber
- Stable Attenuation, Independent of Mode Fill Condition
- 60 dB Attenuation Range



GP850 - SL - HAT - - - N - - - - N - - N

Product Type	
SL	Slot Card
Device Type	
HAT	Hermetic Neutral Density Attenuator
Configuration	
X	# of Channels
Slot Width	
1S	1-Slot Module
2S	2-Slot Module
<i>*Custom multi-slot modules are available upon request</i>	
Alignment Type	
N	None
Fiber Type	
50	50/125 μm MMF
62	62/125 μm MMF
<i>*Other fiber options are available upon request</i>	
Test Wavelength	
850	850 nm
980	980 nm
O	1310 nm
C	1550 nm
<i>*Use "/" to add multiple wavelengths (E.g., 850/980)</i>	
Attenuation Range	
60	60 dB Attenuation
X	Specify X dB min.
<i>*Other attenuation level are available upon request</i>	
WDL Type	
N	None
Connector Type	
FC	FC/UPC
FC/APC	FC/APC
LC	LC/UPC
LC/APC	LC/APC
SC	SC/UPC
SC/APC	SC/APC
<i>*Other connector types are available upon request</i>	
Connector Key Orientation	
N	None

GP850 PRECISION VARIABLE OPTICAL ATTENUATOR

Multimode HAT Slot Card

OPTICAL SPECIFICATIONS^{1,2}

Operating Wavelength		850 / 1310 / 1550 nm
Attenuation Range		0 - 60 dB max.
Excess Loss ³		0.8 dB max. ⁴
Flatness		±0.1 dB max.
Back Reflection		-30 dB max.
Repeatability ⁵		±0.05 dB max.
Attenuation Accuracy	0 to 30 dB	±0.2 dB max.
	30 to 40 dB	±0.3 dB max.
Tuning Speed ⁶	0 to 30 dB	1400 ms max.
	0 to 60 dB	2600 ms max.
Optical Power ⁷		500 mW max.
Fiber Type		Multimode

- 1. All specifications are measured separately at room temperature for each Test Wavelength
- 2. Multimode fiber specifications are based on LED light source
- 3. Measured with 3-jumper method or equivalent (See TIA/EIA 526-7)
- 4. Multi-band adds 0.2 dB
- 5. Repeatability is defined by randomly cycling between a handful of attenuation states more than 100 times each
- 6. Startup time and Reset time is typically <10 sec. The operation is invalid during this time
- 7. 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

