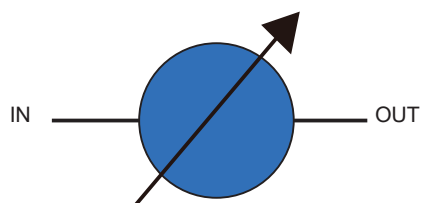


- Ideal for Multimode Fiber
- Stable Attenuation, Independent of Mode Fill Condition
- 60 dB Attenuation Range



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

Product Type	
SL	Slot Card
Device Type	
HAT	Hermetic Neutral Density Attenuator
Configuration	
X	# of Channels
<i>*Choose $X \leq 12$</i>	
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>	
Max Attenuation	
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 available upon request</i>	
Connector Key Orientation	
N	None
Connector Location	
F	Front
R	Rear

GP850 PRECISION VARIABLE OPTICAL ATTENUATOR

Multimode HAT Slot Card

OPTICAL SPECIFICATIONS^{1,2}

Operating Wavelength		850 / 1310 / 1550 nm
Attenuation Range		0 - 60 dB
Attenuation Accuracy	0 to 30 dB	±0.2 dB max.
	30 to 40 dB	±0.3 dB max.
Excess Loss ³		0.8 dB max. ⁴
Flatness		±0.1 dB max.
Repeatability ⁵		±0.05 dB max.
Back Reflection		-30 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

