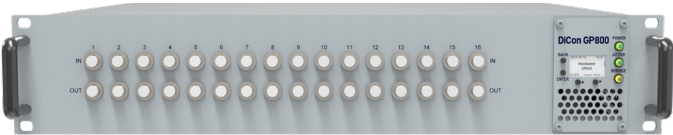
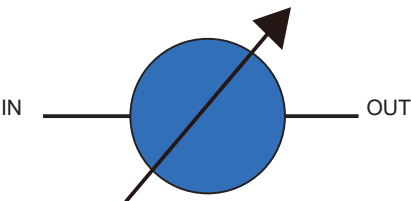


PRECISION VARIABLE OPTICAL ATTENUATOR
GP800 Model, Multimode Fiber



DiCon's **Precision Variable Optical Attenuator (VOA)** allows for a specified amount of attenuation to be added to an optical path by precisely positioning a variable neutral density filter in the light path.

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



ORDERING INFORMATION

GP800 - - HAT - - N - - - 60 - N - - N -

Chassis Type	
1U	1U
2U	2U
4U	4U
<i>*Please consult DiCon</i>	
Product Type	
HAT	Hermetic Neutral Density Attenuator
Configuration	
X	# of Channels
Attenuator Type	
N	None
Fiber Type	
50	50/125 μ m MMF
62	62/125 μ m 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	0 - 60 dB attenuation range
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
Connector Location	
F	Front
R	Rear

PRECISION VARIABLE OPTICAL ATTENUATOR

GP800 Model, Multimode Fiber

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

ELECTRICAL SPECIFICATIONS

Power Supply	100-240 VAC, 50/60 Hz
Connectors	RJ45 (Ethernet) DB9 (RS232) USB-C (Service)
Control Interface	Web GUI, SSH, RS232, REST API, Telnet

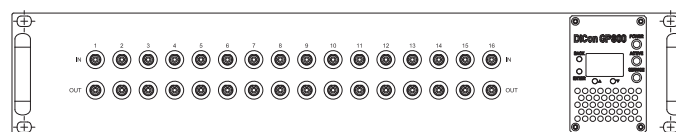
ENVIRONMENTAL SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

Chassis Width	483 mm (19")
Chassis Depth	435 mm (17")
Chassis Height	1U : 44 mm (1.7") 2U : 88 mm (3.5") 4U : 177 mm (7.0")

Front View



Rear View

