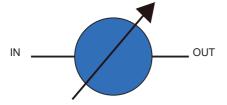
PRECISION VARIABLE OPTICAL ATTENUATOR

GP800 Model, Multimode Fiber

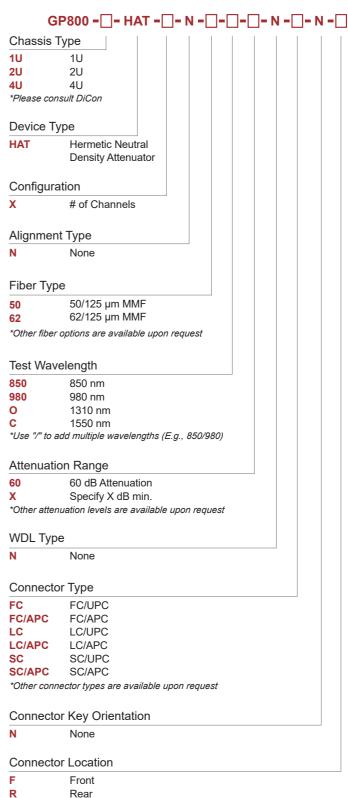


DiCon's **Precision Variable Optical Attenuator (VOA)** allows for a specified amount of attenuation to be added to an optical path by precisely positioning a variable neutral density filter in the light path.

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



ORDERING INFORMATION





PRECISION VARIABLE OPTICAL ATTENUATOR

GP800 Model, Multimode Fiber

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

- 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
- Repeatability is defined by randomly cycling between a handful of attenuation states more than 100 times each
- 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



DiCon Fiberoptics, Inc. — www.diconfiberoptics.com