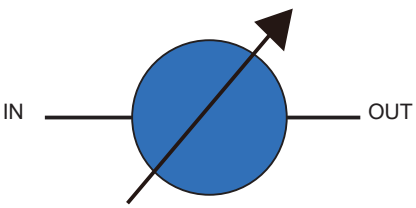
DiCon Fiberoptics, Inc.

GP850 PRECISION VARIABLE OPTICAL ATTENUATOR

Singlemode NAT800 Slot Card

DiCon's **Precision Variable Optical Attenuator (VOA) Slot Card** provides precise optical attenuation control for up to Eight fiber channels by positioning a variable neutral density filter in the light path. Each slot card is designed for easy integration into DiCon's GP850 modular system. All slot cards are hot swappable and require no configuration, offering true plug-and-play functionality.

- Ideal for Singlemode Fiber
- Stable Attenuation
- 60 dB Attenuation Range



ORDERING INFORMATION

GP850 - SL - NAT800 - □ - □ - N - □ - □ - □ - N - □ - N

Product Type

SL	Slot Card

Device Type

NAT800	Neutral Density Attenuator

Configuration

X	# of Channels

Slot Width

1S	1-Slot Module
2S	2-Slot Module

**Custom multi-slot modules are available upon request*

Alignment Type

N	None

Fiber Type

9	9/125 µm SMF
HI1060[1]	Corning HI 1060 Fiber

**Other fiber options are available upon request*
1.Operation covers 980 nm & 1060 nm

Test Wavelength

980	980 nm
1060	1060 nm
O	1310 nm
C	1550 nm
L	1590 nm

**Use "/" to add multiple wavelengths (E.g., 980/1060)*

Attenuation Range

60	60 dB Attenuation
X	Specify X dB min.

**Other attenuation level are available upon request*

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

**Other connector types are available upon request*

Connector Key Orientation

N	None

TAA COMPLIANT

DiCon® FIBEROPTICS

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OPTICAL SPECIFICATIONS[1]

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

Dimensions in mm