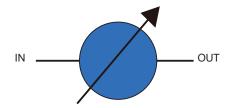
GP850 MEMS VARIABLE OPTICAL ATTENUATOR

Singlemode MEMS VOA Slot Card

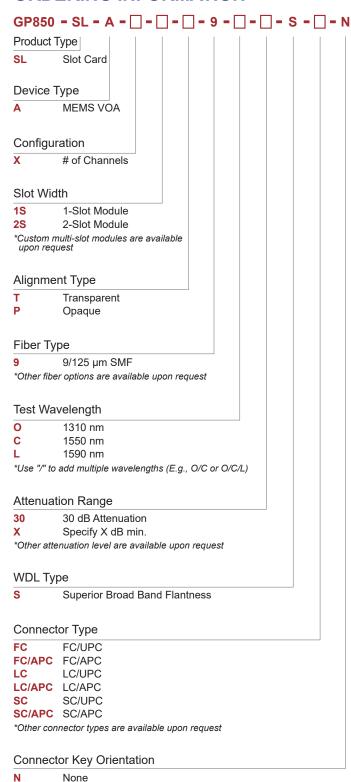


DiCon's **MEMS Variable Optical Attenuator (VOA) Slot Card** maintains optical power at a present level for up to sixteen fiber channels. Each slot card is designed for easy integration into DiCon's GP850 modular system. All slot cards are hot swappable and require no configuration, offering true plug-and-play functionality.

- Proven MEMS Durability and Reliability
- Compact Form Factor
- Excellent Output Accuracy
- · Wide Attenuation Range
- Low Insertion Loss



ORDERING INFORMATION





GP850 MEMS VARIABLE OPTICAL ATTENUATOR

Singlemode MEMS VOA Slot Card

OPTICAL SPECIFICATIONS¹

Operating Wavelength		1260 to 1680 nm
Excess Loss ²		0.6 dB max. ³
WDL ⁵	0 to 5 dB	0.3 dB max.4
	5 to 10 dB	0.5 dB max. ⁴
	10 to 20 dB	0.8 dB max. ³
PDL	0 to 15 dB	0.15 dB max.⁴
	15 to 20 dB	0.2 dB max. ³
Tuning Resolution		0.01 dB max.
Back Reflection		-50 dB max.
Response Time ⁶		2 ms max.
Repeatability ⁷		0.1 dB max.
Durability ⁸		1 Billion Cycles min.
Optical Power ⁸		500 mW max.
Fiber Type		Singlemode

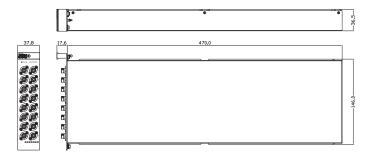
- All specifications are measured separately at room temperature for each Test
 Wavelength
- 2. Measured with 3-jumper method or equivalent (See TIA/EIA 526-7)
- 3. Multi-band adds 0.2 dB
- 4. Multi-band adds 0.1 dB
- 5. WDL is defined within Test Wavelength $\pm 20~\text{nm}$
- Optical transition time; the actual processing delay to execute the attenuation command is longer
- 7. Repeatability is defined over 100 cycles
- 8. 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



DiCon Fiberoptics, Inc. www.diconfiberoptics.com