



# GP850 OPTICAL SWITCH

## Singlemode 16x16 Slot Card

### OPTICAL SPECIFICATIONS<sup>1</sup>

Wavelength Range	1260 to 1675 nm
Insertion Loss <sup>2</sup>	< 1.0 dB
Loss Repeatability <sup>3</sup>	+/- 0.03 dB
Connection Stability <sup>4,5</sup>	+/- 0.03 dB
PDL <sup>5</sup>	< 0.1 dB
WDL <sup>5,6</sup>	< 0.3 dB
Crosstalk <sup>5</sup>	< -60 dB
Back Reflection	< -50 dB
Optical Transition Time <sup>5,7</sup>	< 25 ms
Switch Lifetime	> 1 Billion Cycles
Input Power Range	Dark to +27 dBm

- 1. Measured separately for each Test Wavelength
- 2. Measured with 3-jumper method or equivalent. See TIA/EIA 526-7.
- 3. Over 100 cycles
- 4. 1 Hz sampling rate for 15 min
- 5. Met by design, not measured
- 6. WDL is defined within Test Wavelength ±20 nm
- 7. Optical transition time for all ports switching concurrently, not including command processing overhead

### MECHANICAL SPECIFICATIONS

Dimensions in mm

