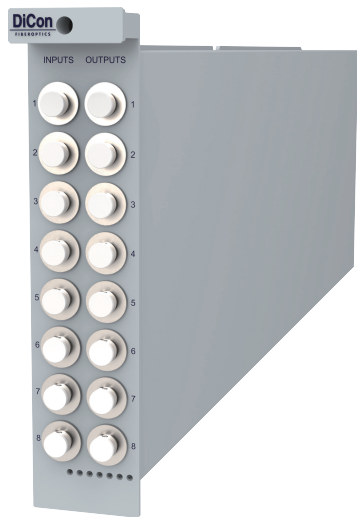


GP850 OPTICAL TAP DETECTOR

Multimode Optical Tap Detector Slot Card

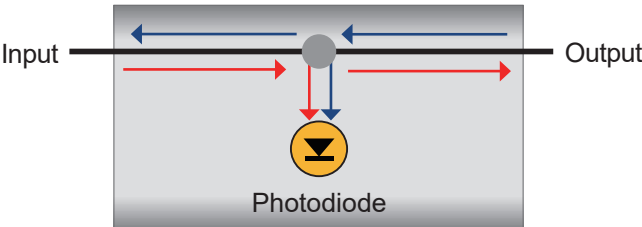


DiCon's **Optical Tap Detector Slot Card** maintains optical power at a present level for up to sixteen fiber channels. Each slot card is designed for easy integration into DiCon's GP850 modular system. All slot cards are hot swappable and require no configuration, offering true plug-and-play functionality.

- Compact Form Factor
- Excellent Output Accuracy
- Low Insertion Loss

Functionality Type

Bidirectional



ORDERING INFORMATION

GP850 - SL - T - ☐ - ☐ - ☐ - ☐ - B - ☐ - N

Product Type

SL Slot Card

Device Type

T Tap Detector

Configuration

X/Y # of Channels / Tap Ratio %

Slot Width

1S 1-Slot Module

2S 2-Slot Module

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

Fiber Type

50 50/125 μ m MMF

62 62/125 μ m MMF

**Other fiber options are available upon request*

Test Wavelength

850 850 nm

980 980 nm

O 1310 nm

C 1550 nm

**Use "/" to add multiple wavelengths (E.g., 850/980)*

Functionality Type

B Bidirectional

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

GP850 OPTICAL TAP DETECTOR

Multimode Optical Tap Detector Slot Card

OPTICAL SPECIFICATIONS^{1,2}

Operating Wavelength		850 / 1310 / 1550 nm
Insertion Loss ³	5% Tap Ratio	0.8 dB max.
	10%	1.0 dB max.
Dynamic Power Range	5% Tap Ratio	-51 to 18 dBm
	10%	-54 to 15 dBm
Relative Measurement Accuracy ⁴		±0.2 dB max.
Back Reflection		-20 dB max.
Optical Power ⁵		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. For power range when
 - Input power > -31 dBm for 5% tap ratio
 - Input power > -34 dBm for 10% tap ratio
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

Slot Width	37.8 mm
Slot Depth	487.6 mm
Slot Height	146 mm

