DiCon Fiberoptics, Inc.

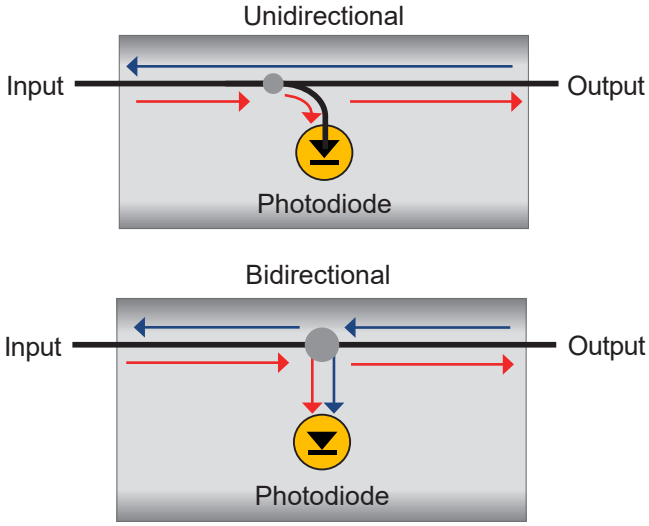
GP850 OPTICAL TAP DETECTOR

Singlemode 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



ORDERING INFORMATION

GP850 - SL - T - ☐ - ☐ - 9 - ☐ - ☐ - ☐ - 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

9	9/125 µm SMF

**Other fiber options are available upon request*

Test Wavelength

O	1310 nm
C	1550 nm
L	1590 nm

**Use "/" to add multiple wavelengths (E.g., O/C or O/C/L)*

Functionality Type

U	Unidirectional
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

TAA COMPLIANT

DiCon® FIBEROPTICS

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OPTICAL SPECIFICATIONS[1]

Operating Wavelength		1260 to 1680 nm
Insertion Loss[2]	1% Tap Ratio	0.4 dB max.
	2%	0.5 dB max.
	5%	0.6 dB max.
	10%	0.8 dB max.
Dynamic Power Range	1% Tap Ratio	-47 to 25 dBm
	2%	-50 to 22 dBm
	5%	-54 to 18 dBm
	10%	-57 to 15 dBm
Relative Measurement Accuracy[3]		±0.2 dB max.
Directivity	Unidirectional	23 dB min.
	Bidirectional	0.2 dB max.
Back Reflection		-50 dB max.
WDL[4]		0.1 dB min.[5,6]
PDL[7]		0.1 dB max.
Optical Power[8]		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. For power range when
   - Input power >-27 dBm for 1% tap ratio
   - Input power >-30 dBm for 2% tap ratio
   - Input power >-34 dBm for 5% tap ratio
   - Input power >-37 dBm for 10% tap ratio
4. WDL is defined within Test Wavelength ±20 nm
5. Dual-band adds 0.1 dB
6. Full-band adds 0.3 dB
7. Multi-band adds 0.1 dB
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

Dimensions in mm