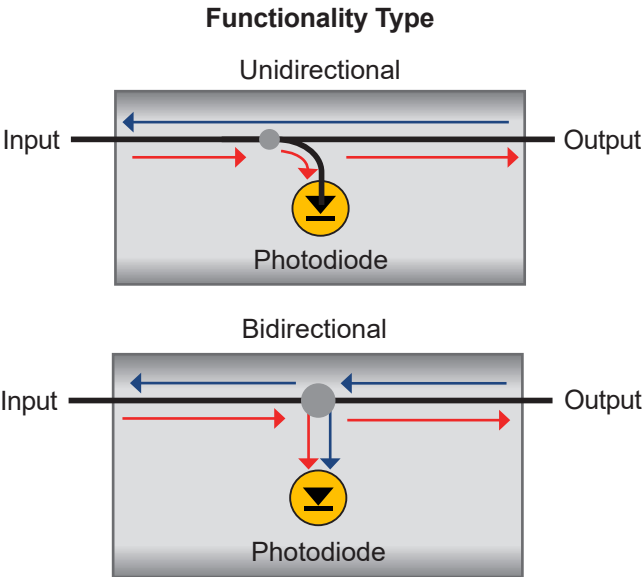


OPTICAL TAP DETECTOR
GP800 Model, Multimode Fiber



DiCon’s **Optical Tap Detectors** enable the optical power level to be monitored by tapping off a small percentage of light with a thin film partial reflector, which directs the light to a photodetector.

- Ideal for multimode fiber
- Stable performance, independent of mode fill condition
- High density design to minimize rack space



ORDERING INFORMATION

GP800 - - **T** - - - - **B** - - **N** -

Chassis Type	
1U	1U
2U	2U
4U	4U
<i>*Please consult DiCon</i>	
Product Type	
T	Tap Detector
Configuration	
X/Y	# of Channels / Tap Ratio %
Fiber Type	
50	50/125 μm MMF
62	62/125 μm MMF
<i>*Other fiber options are available upon request</i>	
Test Wavelength	
850	850 nm
980	980 nm
O	1310 nm
C	1550 nm
<i>*Use "/" to add multiple wavelengths (E.g., 850/980)</i>	
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
<i>*Other connector types are available upon request</i>	
Connector Key Orientation	
N	None
Connector Location	
F	Front
R	Rear

OPTICAL TAP DETECTOR

GP800 Model, Multimode Fiber

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

ELECTRICAL SPECIFICATIONS

Power Supply	100-240 VAC, 50/60 Hz
Connectors	RJ45 (Ethernet) DB9 (RS232) USB-C (Service)
Control Interface	Web GUI, SSH, RS232, REST API, Telnet

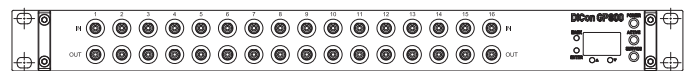
ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0 to 50°C, < 85% RH
Storage Temperature	-40 to 70°C, < 40% RH

MECHANICAL SPECIFICATIONS

Chassis Width	483 mm (19")
Chassis Depth	435 mm (17")
Chassis Height	1U : 44 mm (1.7") 2U : 88 mm (3.5") 4U : 177 mm (7.0")

Front View



Rear View

