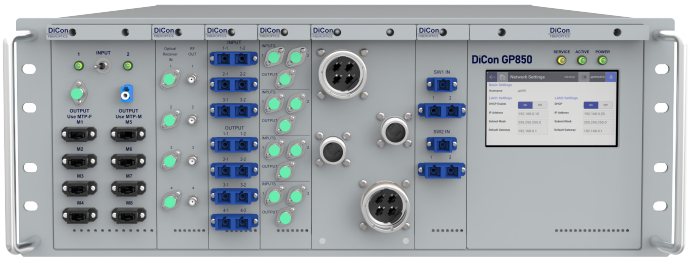
DiCon Fiberoptics, Inc.

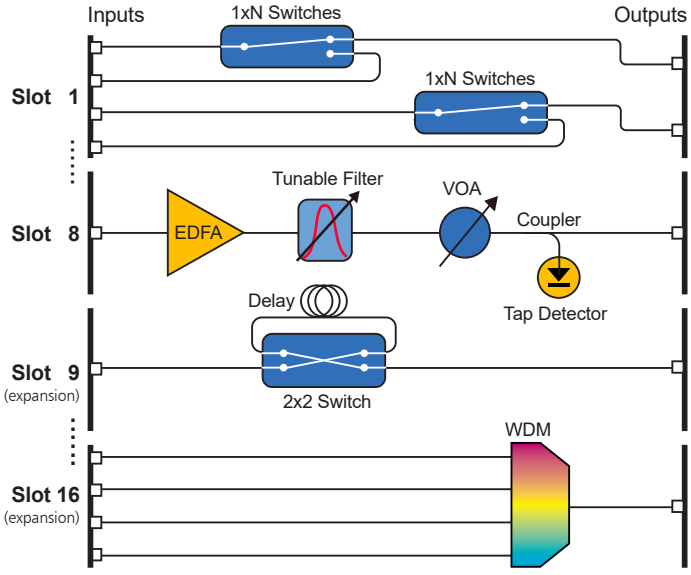
GP850 GENERAL PURPOSE

Expandable Test Platform (Gen II)



DiCon's **GP850** is a flexible, modular rackmount system designed to automate fiber optic testing. Up to eight plug-and-play slot cards containing various devices such as switches, VOAs, tunable filters, etc. can be added or changed as test requirements change. The devices on and configuration of the slot cards can also be customized. An additional expansion chassis can increase the total slots to sixteen. Full control is simple and intuitive through a single interface.

- Plug and play modularity
- Full control via a single interface
- Wide selection of optical devices and slot cards



ORDERING INFORMATION

GP850 - □ - □ - □

Type

CS2	Chassis (Main)
EC2	Expansion Chassis

PSU

A1	AC 100-240V Single
D1	DC -48V Single
A2	AC 100-240V Redundant
D2	DC -48V Redundant

Slot Card Location

F	Front Loading
R	Rear Loading

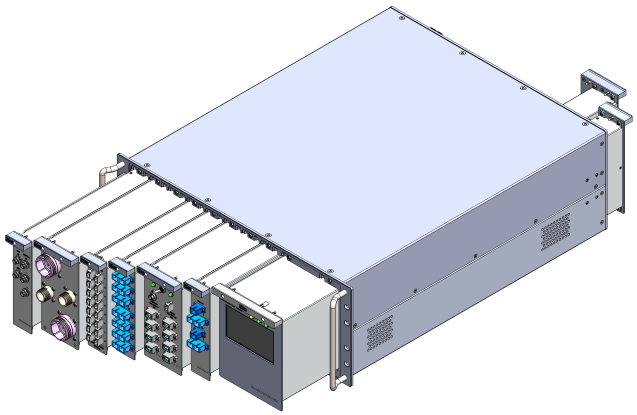
Sample Order

For a front loading GP850 system containing two 1x24 switches and one 16x8 3D matrix switch, the following would need to be ordered:

Qty 1 of GP850 Chassis
P/N: GP850-CS2-A1-F

Qty 2 of GP850 1x24 Switch Module
P/N: GP850-SL-M-2/1x24-2S-P-9-C-0-FC-N

Qty 1 of GP850 16x8 3D Matrix Switch Module
P/N: GP850-SL-X-1/16x8-2S-N-9-C-N-FC-N



GP850 GENERAL PURPOSE
Expandable Test Platform

OPTICAL SPECIFICATIONS

Optical devices on slot card	Switch, VOA, tunable filter, WDM, detector, transceiver, optical amplifier, laser, fiber delay, and more
Operating wavelength	780 to 2300 nm, other
Fiber type	SMF-28, OM4, Panda, other

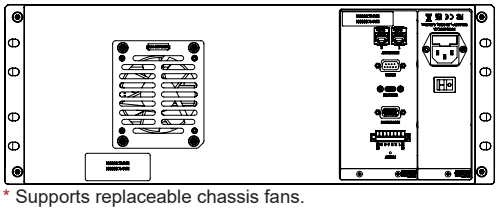
CHASSIS SPECIFICATIONS

Maximum number of slot cards	8 16 total with expansion chassis
Control Interfaces	Dual Gigabit Ethernet (RJ45 Female) RS-232 (DB9 Female)
Power Supply	100-240 VAC
Software Interface	REST API, Web GUI, RS232, NET-CONF, SNMPv2c, SNMPv3, TL1 , gNMI, gRPC, Telnet, SSH
Chassis Dimensions (WxHxD)	483mm x 177mm (4U) x 547mm
Operating temperature	0 to 50°C
Storage temperature	-20 to 60°C
Environment Relative Humidity	0 to 80% non-condensing
Fiber connectors	LC, FC, MTP, other

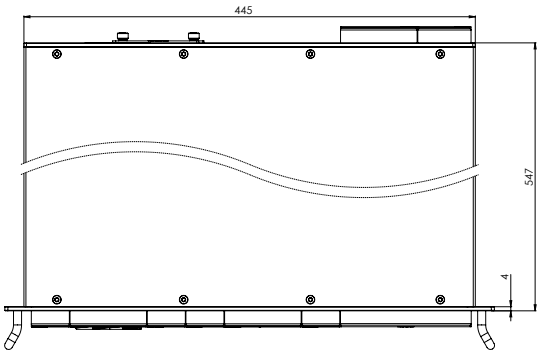
* Please contact DiCon Fiberoptics to discuss any special requirements not defined above.

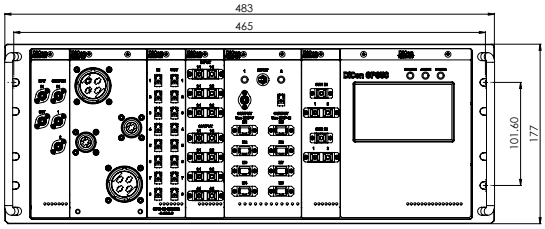
MECHANICAL SPECIFICATIONS

Dimensions in mm

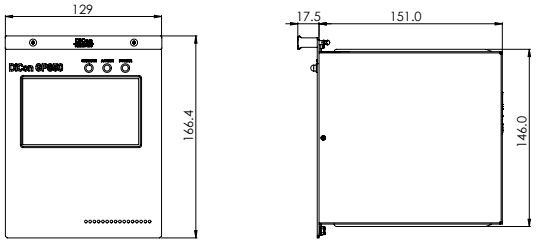


* Supports replaceable chassis fans.

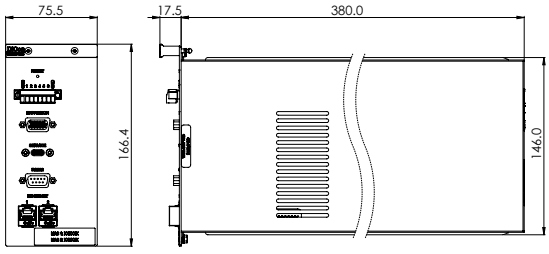




Display Unit



Control Unit



Power Unit

