

GP750 FIBER OPTIC TEST PLATFORM

The GP750 is a modular rack mount system designed to automate fiber optic testing, and can be made with combinations of fiber optic switches, variable optical attenuators, tunable optical filters and other optical components.



PLUG AND PLAY MODULARITY

The GP750 can accommodate up to eight hot swappable, plug-and-play optical modules. This allows optical modules to be added or changed as test requirements change in the future.

INTUITIVE FRONT PANEL

The status of every optical module is displayed in a graphical window, and the user can intuitively navigate to every optical component to review the status or manually change the state.

ETHERNET, GPIB OR RS-232

The GP750 can be automated through the Ethernet, GPIB or RS-232 port. Control is via simple text commands, making it easy to embed control into a larger automation program.

GP700 EMULATION MODE

The GP750 can be operated in a GP700 emulation mode. This makes it possible for the GP750 to be used in place of a GP700 with no changes to an existing automation program.

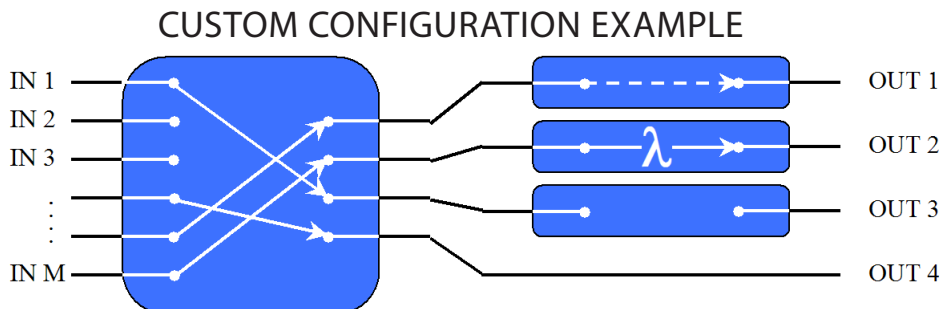
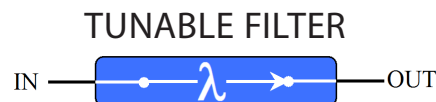
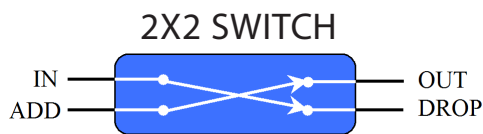
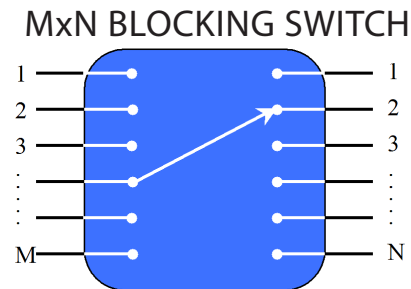
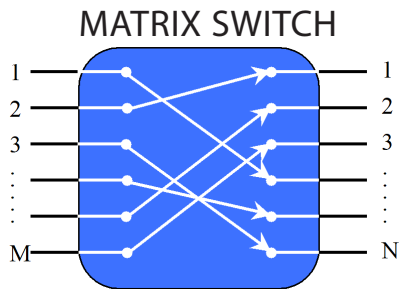
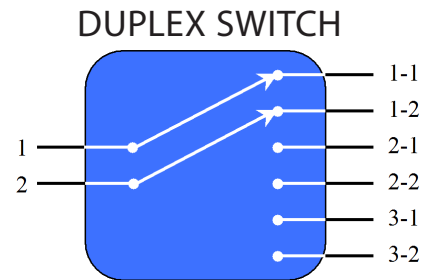
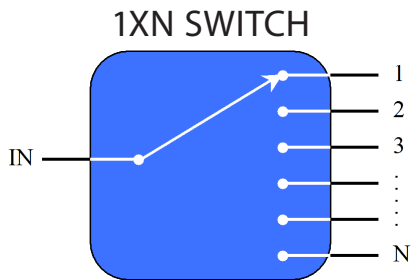
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FIBEROPTICS

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OPTICAL MODULE OPTIONS

A wide array of optical modules are available for the GP750, with either standard or custom options such as special fiber types, wavelength ranges, etc. In addition, different components can be combined together to create custom configurations.



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ENVIRONMENTAL SPECIFICATIONS

PARAMETER	RATING
Operating Temp	0 to 50 °C
Storage Temp	-20 to 60 °C
Humidity	-40 C, 90% RH, 5 days

INTERFACE SPECIFICATIONS

PARAMETER	RATING
Control	Manual, GPIB, RS232, Ethernet
Display Type	TFT LCD
Display Size	72 x 52.6 mm
Display Resolution	640 x 480
Video Output	VGA

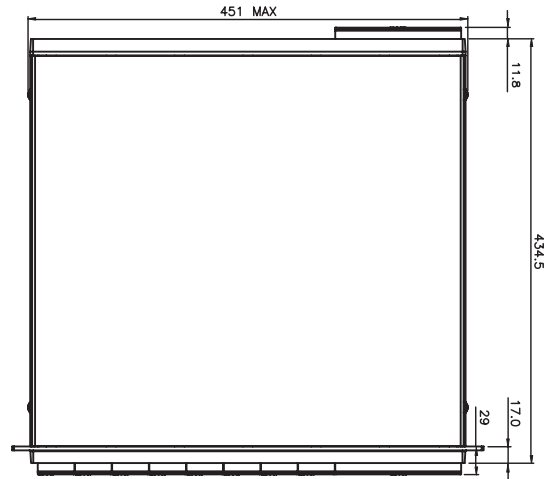
MECHANICAL DIMENSIONS

PARAMETER	RATING
Chassis Type	19" 4U Rackmount
Chassis Dimensions	483 x 178 x 458 mm
Plug-In Module Slots	8
Plug-In Module Access	Front or Rear

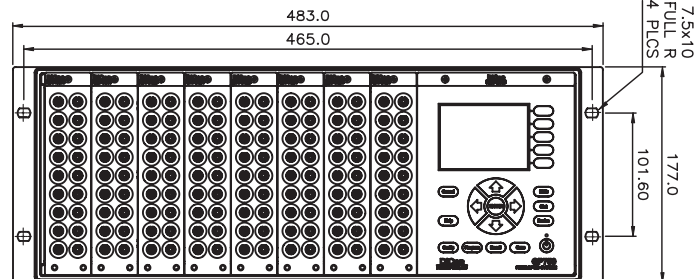
ELECTRICAL SPECIFICATIONS

PARAMETER	RATING
Input Power	250 VA max.
Input Voltage	90 - 264 VAC
External Fuse	2 A typ.
AC Input Leakage Current	3.5 mA max.

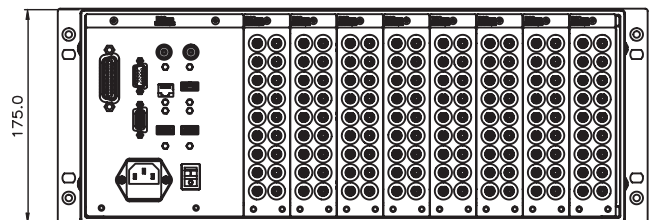
TOP VIEW



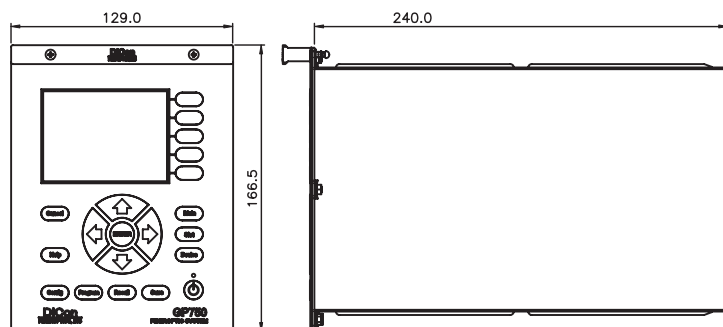
FRONT LOADING CHASSIS



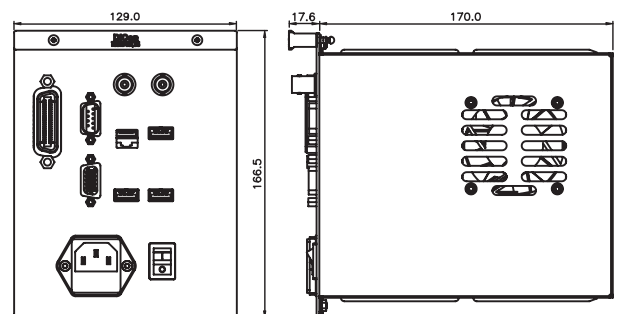
REAR LOADING CHASSIS



CONTROL MODULE



POWER MODULE



GP750 FIBER OPTIC TEST PLATFORM

ORDERING INFORMATION

The GP750 includes a 4U chassis with front or rear optical plug-in module access, a control module and a power module, as well as up to 8 optical plug-in modules. To order, please include:

- 1 GP750 Chassis (Ex: GP750-4U-FRONT)
- 1 Controller Module (Ex: GP750-4U-CTRL)
- 1 Power Module (Ex: GP750-4U-PWR)
- Up to 8 Optical Plug-In Modules

Sample Order

For a front loading GP750 system containing two 1x16 switches and one 16x8 3D matrix switch, the following would need to be ordered:

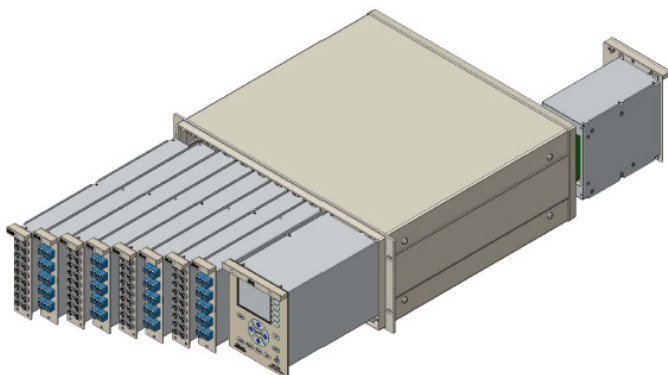
Qty 1 of GP750 Chassis
P/N: GP750-4U-FRONT

Qty 1 of GP750 Control Module
P/N: GP750-4U-CTRL

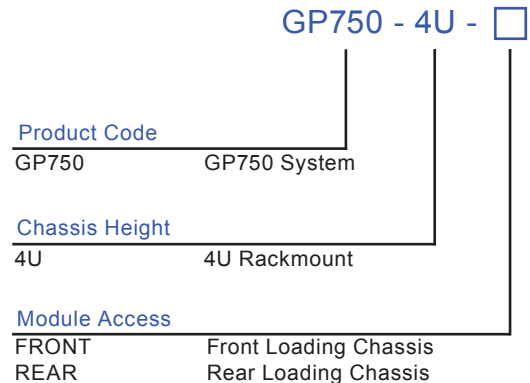
Qty 1 of GP750 Power Module
P/N: GP750-4U-PWR

Qty 2 of GP750 1x16 Switch Module
P/N: GPM-1S-1/1x16-15-9-FC/APC

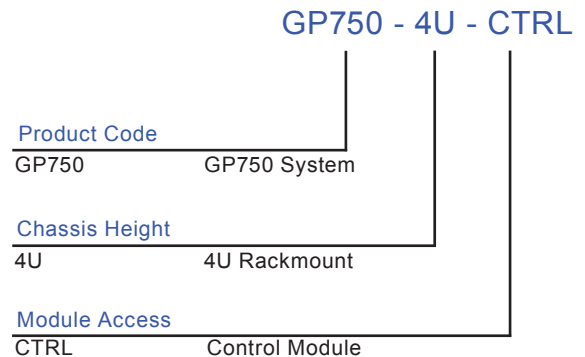
Qty 1 of GP750 16x8 3D Matrix Switch Module
P/N: GPX-2S-16x8-15-9-FC/APC



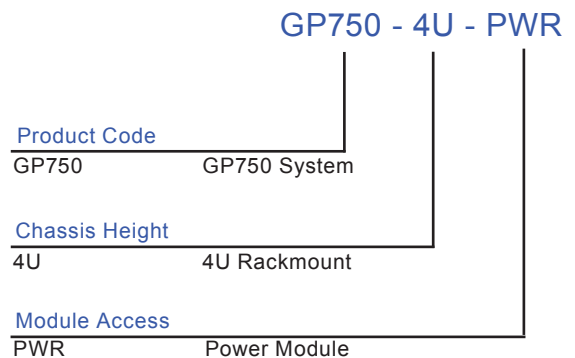
GP750 CHASSIS



CONTROL MODULE



POWER MODULE



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