

GP750 PROGRAMMABLE INSTRUMENT

ADD/DROP SWITCH PLUG-IN MODULE

DiCon's Add/Drop Switch Plug-In Module offers accurate and fast switching speeds to insert or bypass a customer device or optical component. Each Plug-In Module is designed for easy integration into DiCon's GP750 modular system. All plug-in modules require no configuration and are hot swappable, providing true plug-and-play functionality.



FEATURES

- Precise repeatability
- Fast switching time
- MEMS durability and reliability

APPLICATIONS

Add/Drop Switches enable fast switching to add or drop a customer device or optical component from the optical path.



DiCon
FIBEROPTICS

GP750 PROGRAMMABLE INSTRUMENT

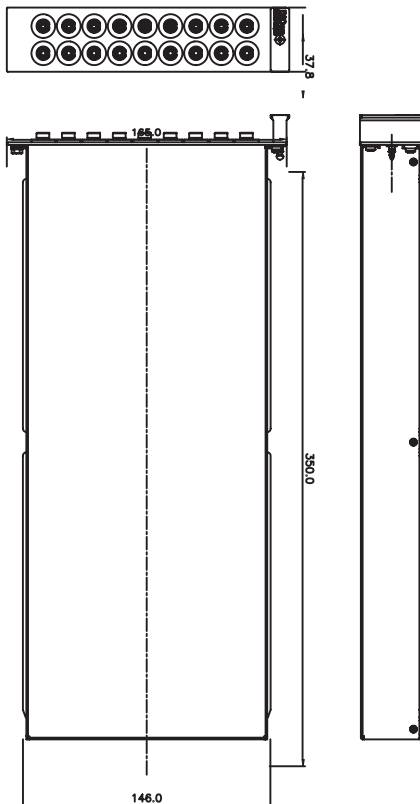
ADD/DROP SWITCH PLUG-IN

OPTICAL SPECIFICATIONS¹

PARAMETER		RATING
Insertion Loss ²	Single-Band	0.8 dB max.
	Dual-Band	0.9 dB max.
Crosstalk		-50 dB max.
Back Reflection		-50 dB max.
Switching Time		15 ms max.
TDL		0.3 dB max.
WDL ⁴		0.2 dB max.
PDL		0.1 dB max.
Repeatability ⁵		0.02 dB max.
Durability		10 ⁹ cycles min.
Optical Power		500 mW max.
Fiber Type		9/125 μ m single mode

- Specifications are without connectors.
- IL is measured at CWL, 23°C.
- WDL is measured in a +/- 20nm range at 23°C.
- Repeatability is defined after 100 cycles.

MECHANICAL DIMENSIONS (Units: mm)



ORDERING INFORMATION

GPS - 1S - / 2X2AD - - 9 -

Product Code

GPS

Slot Width

1S 1-Slot Module
Custom multi-slot modules available

Number of Switches

X Specify X Switches
Maximum 4 switches with FC connectors

Switch Configuration

2X2AD 2X2 Add/Drop

Wavelength Range

13	1290 - 1330 nm
15	1530 - 1570 nm
16	1570 - 1610 nm
13/15	1290 - 1330 & 1530 - 1570 nm
15/16	1530 - 1570 & 1570 - 1610 nm

Fiber and Jacket Type

9 Corning SMF-28 9 μ m fiber
Or other equivalent 9 μ m Singlemode fiber

Connector Type

FC/SPC FC/SPC
FC/APC FC/APC
N NONE
Also Available: SC, SC/UPC, SC/APC, ST, ST/UPC, LC