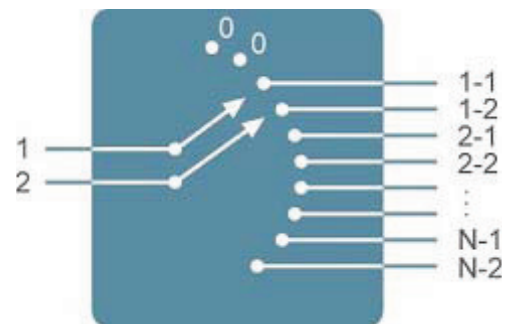


GP750 PROGRAMMABLE INSTRUMENT

MULTI-MODE DUPLEX SWITCH PLUG-IN MODULE

DiCon's Multi-Mode Duplex Switch Plug-In Module provides the ability to connect a pair of input fibers to a selected pair of output fibers. The first digit of the output label indicates the output pair. The second digit indicates the input to which the output is connected. This duplex switch is commonly used in automated testing of fiber optic systems with Tx and Rx fiber pairs.



FEATURES

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

DiCon
FIBEROPTICS

AInnoTech
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서울시 송파구 가락동 10-9 현성 B/D 2F

GP750 PROGRAMMABLE INSTRUMENT

MULTI-MODE DUPLEX SWITCH PLUG-IN

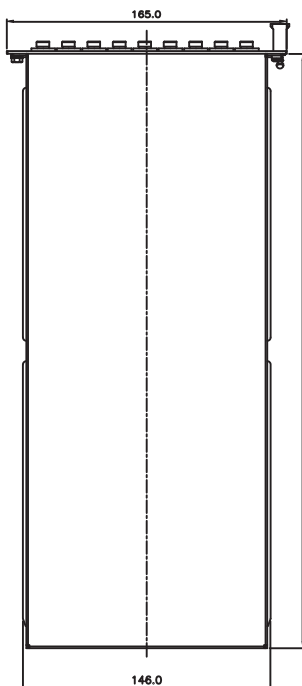
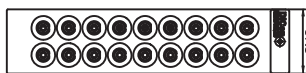
OPTICAL SPECIFICATIONS¹

PARAMETER		RATING
Insertion Loss ^{2,3,4}	1x2/DS	0.8 dB max.
	1x4/DS	0.8 dB max.
	1x8/DS, 50 μm	1.2 dB max.
	1x8/DS, 62.5 μm	1.7 dB max.
Crosstalk ⁵	50 μm	-25 dB max.
	62.5 μm	-20 dB max.
Back Reflection		-20 dB max.
Switching Time		30 ms max.
TDL		0.4 dB max.
Repeatability ⁶		0.04 dB max.
Durability		10 ⁹ cycles min.
Optical Power		500 mW max.

- Specifications are without connectors.
- IL is measured at CWL, 23°C.
- IL is for standard opaque model.
- IL is for single-band. Dual-band adds 0.4 dB.
- Power off isolation is same as crosstalk.
- Repeatability is defined after 100 cycles.

MECHANICAL DIMENSIONS

(Units: mm)



ORDERING INFORMATION

GPM - 1S - □ / □ / DS - □ - □ - □

Product Code

GPM Switch Module

Slot Width

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

Number of Switches

X Specify X Switches
Maximum 18 total ports with FC connectors

Switch Configuration

1xN 1xN, Specify N≤8

Wavelength Range

8 850 nm only
8/13 850 & 1290 - 1330 nm
Other wavelengths available upon special request

Fiber and Jacket Type

50 50μm core fiber
62 62.5μm core fiber

Connector Type

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



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