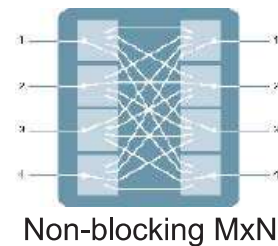


GP750 PROGRAMMABLE INSTRUMENT

MULTIMODE MATRIX SWITCH PLUG-IN MODULE

DiCon's Multimode Mode Matrix Switch Plug-In Module is a flexible integrated switching system. Input and output ports are interconnected to form a fully non-blocking, two stage optical cross-connect. 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

Matrix optical switches allow resources to be shared within R&D or Production labs, while also being reconfigurable to adapt to future changes.



GP750 PROGRAMMABLE INSTRUMENT

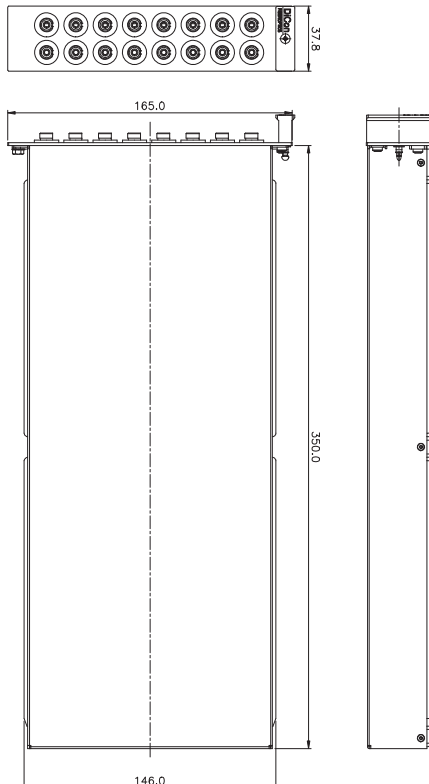
MULTIMODE MATRIX SWITCH PLUG-IN

OPTICAL SPECIFICATIONS¹

PARAMETER		RATING
Insertion Loss ^{2,3}	4x4	2.0 dB max.
	8x8	2.4 dB max.
Crosstalk	50 μ m	-25 dB max.
	62.5 μ m	-20 dB max.
Back Reflection		-20 dB max.
Switching Time		40 ms max.
TDL		0.4 dB max.
Repeatability ⁴		0.04 dB max.
Durability		10 ⁹ cycles min.
Optical Power		500 mW max.
Fiber Type		Multimode

- Specifications are without connectors.
- IL is measured at CWL, 23°C.
- IL is for single-band. Dual-band add 0.4 dB
- Repeatability is defined after 100 cycles.

MECHANICAL DIMENSIONS (Units: mm)



ORDERING INFORMATION

