

DiCon PM-1X8-9-13/16-FC/APC

Multi-Channel Switch Plug-In



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MODULAR GP700

VARIABLE ATTENUATOR PLUG-IN

DiCon's Variable Attenuator Plug-In sets attenuation levels in the 0-to-60-dB range with better than 0.15-dB resolution. The Plug-In is designed for easy installation into DiCon's GP700M Modular Mainframe.



FEATURES

- Precise resolution
- Low insertion loss
- Excellent repeatability
- Wide attenuation range
- Low back-reflection

APPLICATIONS

Motorized variable attenuators automatically adjust power levels in optical measurement systems. Applications include tuning power levels to minimize bit-error rates in WDM systems.



U.S. patented. Specifications subject to change. Copyright ©2001 DiCon Fiberoptics, Inc. All rights reserved.

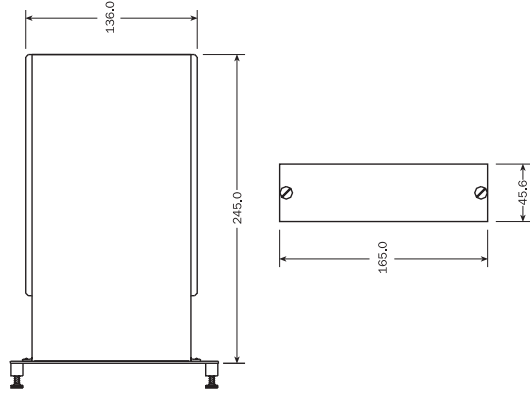
MODULAR GP700

SPECIFICATIONS^{1,4}

Attenuation range ²	0 - 10 dB	11 - 30 dB	31 - 60 dB
Tuning resolution	0.10 dB	0.12 dB	0.15 dB
Repeatability	±0.05 dB	±0.1 dB	±0.1 dB
Absolute accuracy	±0.1 dB	±0.2 dB	±0.25 dB
PDL ³	0.08 dB	0.1 dB	0.3 dB
Insertion loss	0.6 dB typ., 1.5 dB max.		
Back-reflection	-50 dB max.		
Tuning speed	50 ms min., 1400 ms max.		
Damage threshold	24 dBm min.		
Operating temperature	0°C to +40°C		
Storage temperature	-20°C to +60°C		
Humidity	40°C/90%RH/5 days		

1. All specifications referenced without connectors.
2. Maximum attenuation for multimode components is 30 dB.
3. Singletone only. Measured at 1550 nm.
4. Performance results may vary depending on multimode launch condition.

HOUSING DIMENSIONS

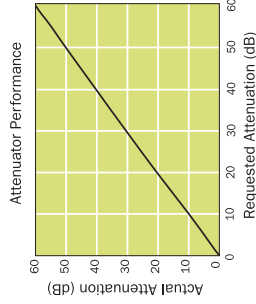


Units: mm

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This datasheet has been downloaded from <http://www.digchip.com> at this page

OPTICAL PERFORMANCE



ORDERING INFORMATION

Calibration Wavelength ¹	8 850.0 nm (multimode)	PA - [] - []
	13 1310.0 nm	
	15 1550.0 nm	
Fiber Type	9 9/125, SMF-28	
	50 50/125	
	62 62.5/125	
Adapter Type	FC/SPC	
	FC/APC	
	FC/UPC	
	SC	
	SC/APC	
	SC/UPC	
	ST	
	ST/SPC	
	ST/UPC	
	LC/UPC	
	N None	

1. All wavelengths referenced to vacuum.

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