

GP750 PROGRAMMABLE INSTRUMENT

MULTIMODE 1X4 THIN FILM COUPLER PLUG-IN MODULE

DiCon's Multimode 1x4 Thin Film Coupler Plug-In Module utilizes thin film filters to split light into four equal output channels. Thin film optical filters have the advantage in multimode fiber applications because they have a stable split ratio not subject to changes in mode distribution, unlike fused fiber couplers.

Each Plug-In Module is designed for easy integration into DiCon's GP750 modular system.



FEATURES

- Stable Split Ratio
- Ideal for Multimode Fiber Applications
- Convenient use with the GP750 system



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OPTICAL SPECIFICATIONS¹

PARAMETER	RATING
Coupler Type	Thin Film
Split Configuration	1x4
Insertion Loss, 25% Tap Ratio ²	7.2 dB max.
Back Reflection	-25 dB max.
Fiber Type	50/125 OM3 multimode

- Specifications at room temperature, without connectors
- Tap ratio is a nominal value of output power divided by input power. Actual insertion loss is specified by the insertion loss specification.

ORDERING INFORMATION

GPC-□-□/1x4-□-□-50/OM3-□

Product Code

GPC Coupler Module

Slot Width

1S 1-Slot Module
2S 2-Slot Module

Number of Couplers

X Specify # of Couplers
Max of 3 for 1S Module
Max of 6 for 2S Module

Coupler Type

1x4 1x4 split

Tap Ratio²

25 25% / 25% / 25% / 25%

Wavelength Range

8 850 nm
8/13 850 and 1310 nm
13 1310 nm

Fiber and Jacket Type

50/OM3 50/125 OM3 multimode fiber

Connector Type

FC FC/PC
SC SC/PC
ST ST/PC
LC LC/PC

MECHANICAL DIMENSIONS

(Units: mm)

