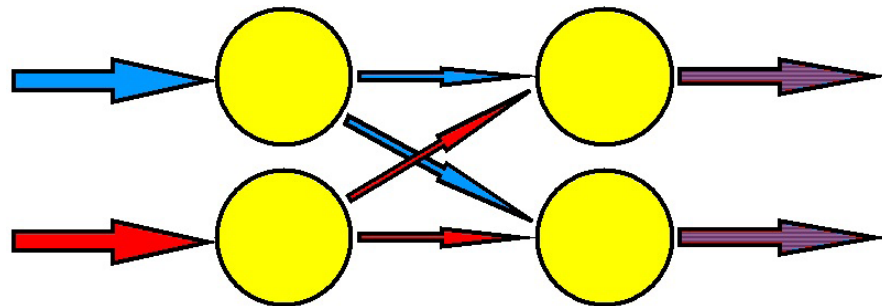


GP750 PROGRAMMABLE INSTRUMENT

MULTIMODE 2X2 THIN FILM COUPLER PLUG-IN MODULE

DiCon's Multimode 2x2 Thin Film Coupler Plug-In Module utilizes thin film filters to combine two inputs into two outputs, with each output nominally having 25% of each input.

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 Ratios
- Ideal for Multimode Fiber Applications
- Convenient use with the GP750 system

DiCon
FIBEROPTICS

GP750 PROGRAMMABLE INSTRUMENT

MULTIMODE 2X2 THIN FILM COUPLER PLUG-IN MODULE

OPTICAL SPECIFICATIONS¹

PARAMETER	RATING
Coupler Type	Thin Film
Configuration	2x2
Insertion Loss ²	7.4 dB max.
Back Reflection	-25 dB max.
Fiber Type	50/125 OM3 multimode

- Specifications at room temperature, without connectors
- Defined as the insertion loss from IN 1 to OUT 1, IN 1 to OUT 2, IN 2 to OUT 1, or IN 2 to OUT 2.
- Tap ratio indicates the nominal % of light from each input that will exit each output. For example a tap ratio of 25% / 25% means that nominally 25% of IN 1 and 25% of IN 2 will exit each output.

ORDERING INFORMATION

GPC - - / 2x2 - - - 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 4 for 1S Module Max of 8 for 2S Module
Coupler Type	
2x2	2x2
Tap Ratio³	
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)

