

GP750 PROGRAMMABLE INSTRUMENT

DYNAMIC POWER EQUALIZER PLUG-IN

OPTICAL SPECIFICATIONS¹

PARAMETER		RATING	
Insertion Loss ²	1%	1.1 dB max.	
	2%	1.2 dB max.	
	5%	1.6 dB max.	
	10%	1.8 dB max.	
Dynamic Power Range	1%	-27 to 17 dBm	
	2%	-27 to 17 dBm	
	5%	-32 to 13 dBm	
	10%	-35 to 10 dBm	
Attenuation Range ³		30 dB min.	
Output Accuracy ⁴		± 0.3 dB max.	
PDL ⁵	0 - 10 dB	0.15 dB max.	
	10 - 20 dB	0.2 dB max.	
WDL	Broad Band Application	0 - 10 dB ⁵	0.5 dB max.
		10 - 20 dB ⁶	0.7 dB max.
	Narrow Band Application ⁷	0 - 20 dB ⁵	0.2 dB max.
Back Reflection		-50 dB max.	
Tuning Resolution		0.01 dB	
Optical Power		200 mW max.	
Fiber Type		9/125 μm single mode	

- All specifications are without connectors.
- IL is measured at CWL, 23°C.
- Available up to 40 dB. Contact DiCon for details.
- For closed-loop operation.
- Operating from 1290 - 1330nm adds 0.1 dB.
- Operating from 1290 - 1330nm adds 0.3 dB.
- Maximum change every 2nm.

ORDERING INFORMATION

GPE- 1S - □ / □ - □ - □ - 9 - □

Product Code

GPE DPE Module

Slot Width

1S 1-Slot Module

Number of Channels

N Number of Components
(Specify 1 < N ≤ 8)

Tap Ratio

1 1% Tap
2 2% Tap
5 5% Tap
10 10% Tap

Wavelength Range

13 1290 - 1330 nm
15 1528 - 1563 nm
16 1570 - 1610 nm

Ripple Type

S Slow Ripple (Broad Band)
F Fast Ripple (Narrow Band)

Fiber and Jacket Type

9 Corning SMF-28 9μm fiber
Or other equivalent 9μm Singlemode fiber

Connector Type

FC/SPC FC/SPC
FC/APC FC/APC
N NONE

Also Available: SC, SC/UPC, SC/APC, ST, ST/UPC, LC

MECHANICAL DIMENSIONS

(Units: mm)

