

ATTENUATORS GPO™ /SMP

UP TO **18 GHz**
2 WATTS

api 
technologies corp.
INMET

MODELS: G, GL, P, PL

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC – 18 GHz

Standard Freq Values _____ 6 & 18 GHz
(6GHz version available in SMP connectors only)

Standard dB Values _____ 0–10, 12, 15, 20 & 30 dB
1 dB Increments

Atten. Accuracy:

0 – 6 dB _____ ±0.4 dB

7 – 12 dB _____ ±0.6 dB

13 – 30 dB _____ ±0.8 dB

VSWR:

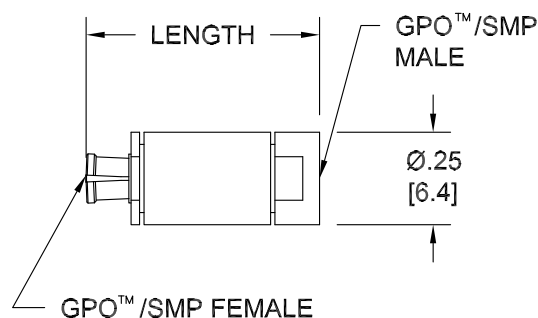
DC – 8 GHz _____ 1.25:1 Max.

8 – 18 GHz _____ 1.35:1 Max.

Input Power _____ 2 Watts Avg. @ 25°C
DERATED LINEARLY TO 0.5 WATTS @ +125°C

Impedance _____ 50 Ohms

Operating Temp Range _____ –55°C to +85°C



Mechanical:

GPO™/SMP Connectors _____ Gold Plated Beryllium Copper
(GPO Connectors Mate with SMP connectors IAW MIL-STD-348)

Conductors _____ Gold Plated Beryllium Copper

Barrel** _____ Passivated Stainless Steel

** For a Gold Plated Barrel add /AU to the Model Number
GPO is a trademark of Corning Gilbert Inc.

Connector Configuration	LENGTH			
	0 – 12 dB		13 – 30 dB	
	Inches	Millimeters	Inches	Millimeters
Male/Female	.61 ±.05	[15.49 ±1.27]	.74 ±.05	[18.80 ±1.27]
Male/Male	.59 ±.05	[14.99 ±1.27]	.72 ±.05	[18.29 ±1.27]
Female/Female	.63 ±.05	[16.00 ±1.27]	.76 ±.05	[19.30 ±1.27]

HOW TO ORDER:

Model Number: **XYZ-XY/FF**

Freq. Range _____
6 = DC–6 GHz
18 = DC–18 GHz

Connector Type _____
G = GPO™ Connectors
P = SMP Connectors

Connector Configuration
= Male/Female
F = Female/Female
M = Male/Male

Finish
_____/AU = Gold Plated Barrel
dB Value

Connector Style
= Full Detent Male Interface
Force to Engage: 15.0 Lbs Max.
L = Limited Detent Male Interface
Force to Engage: 5.0 Lbs Max.

Ordering Examples:

Model Number: **18G-20**
DC – 18 GHz; GPO™ Male/female
Male has Full Detent Interface

Model Number: **6PL-03**
DC – 6 GHz; SMP Male/Female
Male has Limited Detent Interface

Note: Dimensions in Brackets are Expressed in Millimeters and are for Reference Only.
Design specifications are subject to change without notice.
Contact factory for technical specifications before purchasing or use.