

ATTENUATORS GPO™ /SMP

**DC - 18 GHz
2 WATTS**



MODELS: G, GL, P, PL

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 18 GHz

Standard dB Values _____ 0 - 13, 20 & 30 dB

1 dB Increments

Atten. Accuracy:

0 - 6 dB _____ ±0.4 dB

7 - 12 dB _____ ±0.6 dB

13, 20 & 30 dB _____ ±0.8 dB

VSWR

DC - 8 GHz _____ 1.25:1 Max.

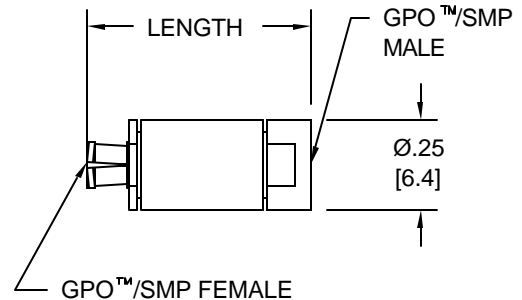
8 - 18 GHz _____ 1.35:1 Max.

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.

Base Model Number	Connector Configuration	LENGTH			
		0 - 12 dB		13, 20 & 30 dB	
		Inches	Millimeters	Inches	Millimeters
18G-YY, 18GL-YY 18P-YY, 18PL-YY	Male/Female	.61 ±.05	[15.49 ±1.27]	.74 ±.05	[18.80 ±1.27]
18G-YYM, 18GL-YYM 18P-YYM, 18PL-YYM	Male/Male	.59 ±.05	[14.99 ±1.27]	.72 ±.05	[18.29 ±1.27]
18G-YYF 18P-YYF	Female/Female	.63 ±.05	[16.00 ±1.27]	.76 ±.05	[19.30 ±1.27]

HOW TO ORDER:

Model Number: 18YZ-XXY/FF

Connector Configuration

= Male/Female

F = Female/Female

M = Male/Male

Finish

= Passivated Barrel

/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.

Connector Type

G = GPO™ Connectors

P = SMP Connectors

Ordering Examples:

Model Number: 18G-20

DC - 18 GHz; GPO™ Male/female

Male has Full Detent Interface

Model Number: 18PL-03

DC - 26.5 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.

300 Dino Drive • Ann Arbor, MI 48103-9457 U.S.A. • 800-244-6638 or 734-426-5553 • FAX 734-426-5557 • www.inmetcorp.com

18G-ATT; REV —