

ATTENUATORS

GPO™ / DC - 18 GHz, 2 Watts

SPECIFICATIONS:

Models: G, GL, P, PL

RoHS
Compliant

AEROFLEX
A passion for performance.

Electrical:

Frequency Range _____ DC - 18 GHz
Standard dB Values _____ 0-10, 12, 15, 20 & 30 dB
In 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

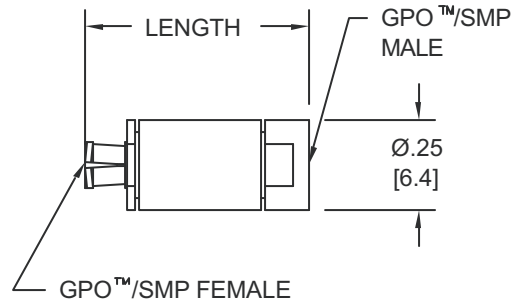
Impedance _____ 50 Ohms

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.

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 Type

G = GPO™ Connectors
P = SMP Connectors

Connector Style

= Full Detent Male Interface
Force is Engage: 15.0 Lbs. Max.

L = Limited Detent Male Interface
Force is Engage: 5.0 Lbs. Max.

Ordering Examples:

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

Model Number: **18PL-03**
DC - 18 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 and/or use.

18G-ATT; REV C

AEROFLEX
INMET

Aeroflex / Inmet, Inc. 300 Dino Drive, Ann Arbor, MI 48103 • U.S.A.
888-244-6638 or 734-426-5553 • FAX: 734-426-5557
www.aeroflex.com/inmet • inmet-sales@eroflex.com