

ATTENUATORS SMA FLANGE MOUNT

DC - 18 GHz
2 WATTS

api
technologies corp.
> INMET

MODELS: 2004, 2005 & 2006

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 18 GHz

Standard dB Values* _____ 0 - 10, 12, 15, 20 & 30 dB
In 1 dB Increments

Attenuation Accuracy _____

0 - 6 dB _____ ± 0.3 dB

7 - 20 dB _____ ± 0.5 dB

21 - 30 dB _____ ± 0.75 dB

VSWR _____

DC - 2 GHz _____ 1.10:1 Max.

2 - 4 GHz _____ 1.15:1 Max.

4 - 8 GHz _____ 1.20:1 Max.

8 - 12.4 GHz _____ 1.25:1 Max.

12.4 - 16 GHz _____ 1.30:1 Max.

16 - 18 GHz _____ 1.35:1 Max.

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

Peak Power _____ 250 Watts Max.
(5uSec Pulse, .05% Duty Cycle)

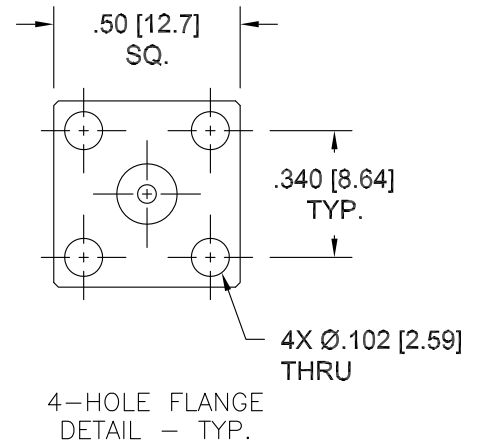
Impedance _____ 50 Ohms

Operating Temp Range _____ -65°C to +125°C

Mechanical:

SMA Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348

Conductors _____ Gold Plated Beryllium Copper



Model Number: **2004-XX**

Male/Female Connector

DIM B: .665 ± 0.015 [16.89 ± 0.38]

Length: 1.12 ± 0.04 [28.4 ± 1.0]

Pictured

Model Number: **2005-XX**

Male/Male Connector

DIM B: .665 ± 0.015 [16.89 ± 0.38]

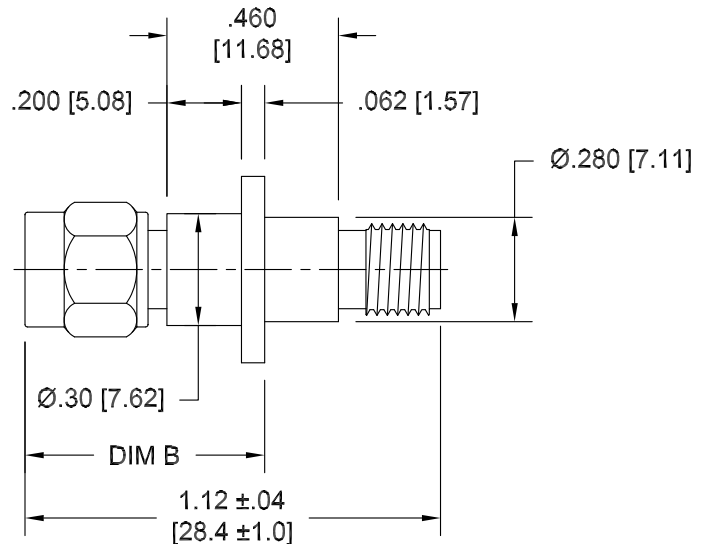
Length: 1.24 ± 0.04 [31.5 ± 1.0]

Model Number: **2006-XX**

Female/Female Connector

DIM B: .530 ± 0.010 [13.46 ± 0.25]

Length: .99 ± 0.04 [25.1 ± 1.0]



HOW TO ORDER:

Model Number: **200X-YY**

Base Number _____ dB Value

4 = Male/Female

5 = Male/Male

6 = Female/Female

Ordering Examples:

Model Number: **2004-12**

12 dB; SMA - Male/Female

Model Number: **2006-6**

6 dB; SMA - Female/Female

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.

2004; REV F

300 Dino Drive • Ann Arbor, MI 48103-9457 U.S.A. • 888-244-6638 or 734-426-5553 • FAX 734-426-5557 • inmet.apitech.com