

C/CH ATTENUATORS SMA

UP TO **18 GHz**
2 WATTS

api 
technologies corp.
> INMET

MODELS: C, CH

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC – 18.0 GHz
Standard Freq. Values _____ 2.5, 6, 12.4 & 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 – 4 GHz _____ 1.15:1 Max.
4 – 8 GHz _____ 1.20:1 Max.
8 – 12.4 GHz _____ 1.25:1 Max.
12.4 – 18 GHz _____ 1.35:1 Max.

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

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

Impedance _____ 50 Ohms

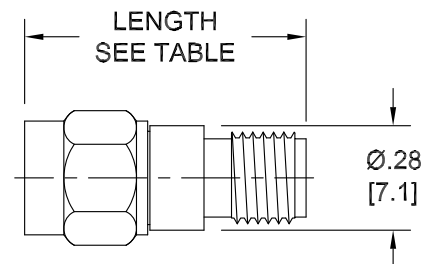
Operating Temp Range _____ –65°C to +125°C

Mechanical:

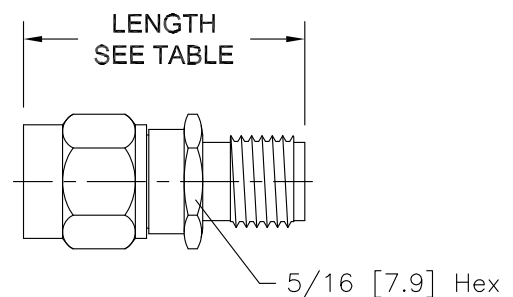
SMA Connectors _____ Passivated Stainless Steel

Mates with MIL-STD-348

Conductors _____ Gold Plated Beryllium Copper



C STYLE



CH STYLE

Note: Connectors are Epoxy Sealed

dB Value	LENGTH	
	Inches	Millimeters
0 – 12 dB	.76 ±.03	[19.3 ±0.8]
13 – 30 dB	.89 ±.03	[22.6 ±0.8]

HOW TO ORDER:

Model Number: **XXCY-XX**

Style
C = C Style (No Hex)
CH = CH Style (Hex)

Freq. Range _____ dB Value
6 = DC – 6 GHz
12 = DC – 12.4 GHz
18 = DC – 18 GHz

Ordering Examples:

Model Number: **18C-20**
DC – 18 GHz; 20 dB; SMA – Male/Fem; Style C

Model Number: **12CH-6**
DC – 12.4 GHz; 6 dB; SMA – Male/Fem; Style CH

Model Number: **6CH-3**
DC – 6 GHz; 3 dB; SMA – Male/Fem; Style CH

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.