

C/CH ATTENUATORS

SMA

up to 18 GHz
2 Watts



MODELS: C, CH

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 18.0 GHz
 Standard Freq. Values _____ 2, 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.

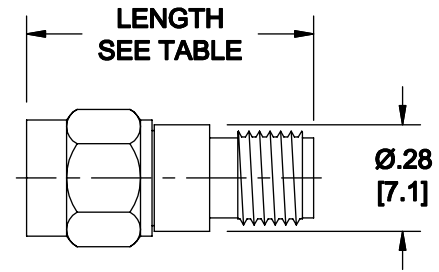
Input Power _____ 2 Watts Avg. @ 25°C
DERATED LINEARLY TO 0.5 WATTS @ +125°C

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

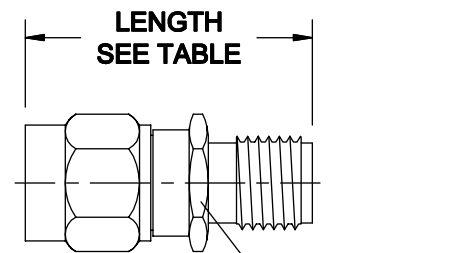
Impedance _____ 50 Ohms
 Operating Temp Range _____ -65°C to +125°C

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**

Freq. Range _____ dB Value

6 = DC - 6 GHz
 12 = DC - 12.4 GHz
 18 = DC - 18 GHz

Style _____

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

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.

*Other dB values, units that operate over a more specific frequency band and/or offer very low return loss (VSWR) are also available. Gold plated units and/or connectors optimized for RF leakage also available.

18C-ATT; REV J