

C ATTENUATORS

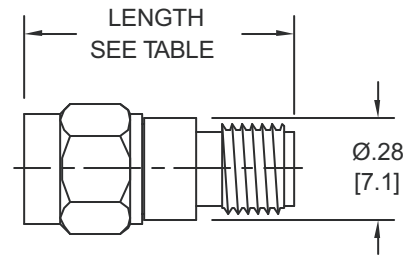
SMA, up to 18 GHz, 2 Watts

SPECIFICATIONS:

Models: C

RoHS
Compliant

Electrical:	
Frequency Range _____	DC - 18.0 GHz
Standard Freq. Values _____	2.5, 6, & 18 GHz
Standard dB Values* _____	0 - 10, 12, 15, 20 & 30 dB
Attenuation Accuracy _____	In 1 dB Increments
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 MILSTD-348	
Conductors _____	Gold Plated Beryllium Copper



C 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: **XXC-XX**

Freq. Range _____ dB Value

6 = DC - 6 GHz

18 = DC - 18 GHz

Ordering Examples:

Model Number: **18C-20**

DC - 18 GHz; 20 dB; SMA - Male/Fem; Style C

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); gold plated units and/or connectors optimized for RF leakage also available.

18C-ATT: REV K (M)



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