

C ATTENUATORS

SMA, up to 18 GHz, 2 Watts

SPECIFICATIONS:

Models: C

RoHS
Compliant

AEROFLEX
A passion for performance.

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 Max.
4 - 8 GHz _____ 1:20 Max.
8 - 12.4 GHz _____ 1:25 Max.
12.4 - 18 GHz _____ 1:35 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

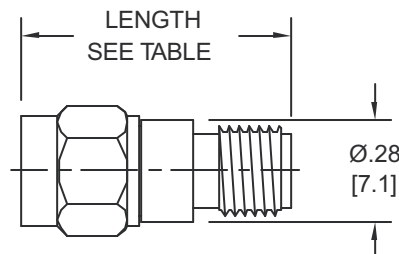
Operating Temp Range _____ -65°C to +125°C

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 $\pm$.03	[19.3 $\pm$ 0.8]
13 - 30 dB	.89 $\pm$.03	[22.6 $\pm$ 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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