

DH ATTENUATORS SMA

**DC - 23 GHz
2 WATTS**



MODELS: 23DH-XX

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC - 23 GHz
Standard dB Values _____ 0 - 10, 12, 15, 20 & 30 dB
In 1 dB Increments

Attenuation Accuracy: DC-18 GHz 18-23 GHz
0 - 6 dB _____ ±0.3 dB _____ ±0.4 dB
7 - 19 dB _____ ±0.5 dB _____ ±0.6 dB
20 - 30 dB _____ ±0.75 dB _____ ±0.8 dB

VSWR:

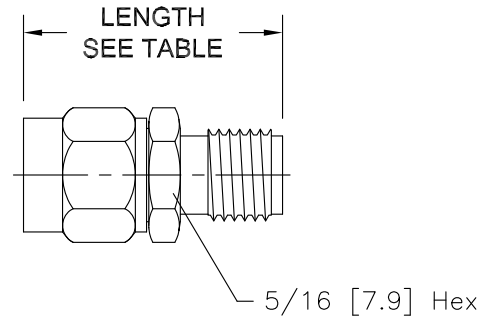
DC - 4 GHz _____ 1.15:1 Max.
4 - 8 GHz _____ 1.20:1 Max.
8 - 12.4 GHz _____ 1.25:1 Max.
12.4 - 18 GHz _____ 1.35:1 Max.
18 - 23 GHz _____ 1.40:1 Max.

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

Note: Connectors are Epoxy Sealed

Connector Configuration	LENGTH			
	0 - 20 dB		21 - 30 dB	
	Inches	Millimeters	Inches	Millimeters
Male/Female	.70 ±.03	[17.8 ±0.8]	.83 ±.03	[21.1 ±0.8]
Male/Male	.76 ±.03	[19.3 ±0.8]	.89 ±.03	[22.6 ±0.8]
Female/Female	.64 ±.03	[16.3 ±0.8]	.77 ±.03	[19.6 ±0.8]

HOW TO ORDER:

Model Number: **23DH-XXY**

Connector Configuration

= Male/Female

F = Fem/Fem

M = Male/Male

dB Value

Ordering Examples:

Model Number: **23DH-20**

DC - 23 GHz; 20 dB; SMA - Male/Fem

Model Number: **23DH-6F**

DC - 23 GHz; 6 dB; SMA - Fem/Fem

Model Number: **23DH-3M**

DC - 23 GHz; 3 dB; SMA - Male/Male

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.

23DH-ATT; REV N

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