

DH ATTENUATORS

SMA, DC - 23 GHz, 2 Watts

SPECIFICATIONS:

Models: 23 DH-XX

RoHS
Compliant

AEROFLEX
A passion for performance.

Electrical:

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

Attenuation Accuracy: _____ In 1 dB Increments
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.

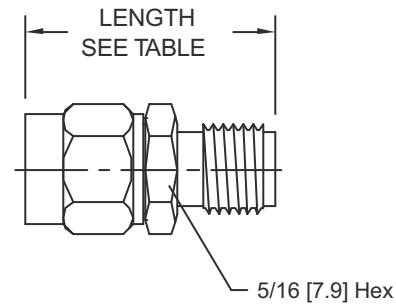
Input Power _____ 2 Watts Avg. @ 25°C
DERATED LINEARLY TO 0.5 WATTS @ +125°C

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 M

AEROFLEX
INMET

Aeroflex / Inmet, Inc. 300 Dino Drive, Ann Arbor, MI 48103 • U.S.A.
888-244-6638 or 734-426-5553 • FAX: 734-426-5557
www.aeroflex.com/inmet • inmet-sales@eroflex.com