

Attenuator, SMA

Model: 23DH

DC to 23.0 GHz
2 Watts

Features

- Compact Size
- High Performance
- RoHS Compliant

23DH Attenuators are designed to provide extended Frequency in applications where space is at a premium



Technical Specifications

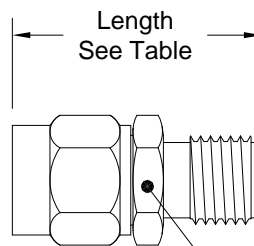
Parameter	Value	
Frequency Range	DC to 23 GHz	
Standard dB Values	0 thru 10, 12, 15, 20 & 30dB <i>In 1dB increments</i>	
Attenuation Accuracy (dB)	DC-18 GHz	18-23 GHz
	0 – 6	±0.3dB
	7-10, 12 & 15	±0.5dB
	20 & 30	±0.75dB
VSWR	DC – 4 GHz	1.15:1 Max.
	4 – 8 GHz	1.20:1 Max.
	8 – 12.4 GHz	1.25:1 Max.
	12.4 – 18 GHz	1.35:1 Max.
	18 – 23 GHz	1.45:1 Max.
Input Power	2 Watts Avg @ 25°C <i>Derated Linearly to 0.5 Watts @±125°C</i>	
Peak Power	250 Watts Max. <i>(5µSec Pulse, .05% Duty Cycle)</i>	
Impedance	50 Ohms	
Operating Temp. Range	-65°C to +125°C	

Mechanical

Feature	Material
SMA Connectors <i>Mates with Mil-STD-348</i>	Passivated Stainless Steel
Conductors	Gold Plated Beryllium Copper

Physical Dimensions

Model Number: 23DH-03 shown

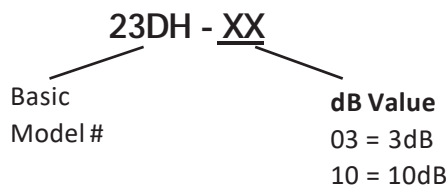


dB Value	Length
0 - 20 dB	.70 ±0.03 [17.8 ±0.8]
30 dB	.83 ±0.03 [21.1 ±0.8]

Note: Connectors are Epoxy Sealed

5/16 [7.9] Hex

How to Order



Order Examples

Model Number: 23DH-20

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

Model Number: 23DH-03

DC-23 GHz, 3dB, SMA Male/Fem

Design Specifications are subject change without notice.