

FH ATTENUATORS

SMA, up to 18 GHz, 2 Watts

SPECIFICATIONS:

Models: FH

RoHS
Compliant

AEROFLEX
A passion for performance.

Electrical:

Frequency Range _____ DC – 18.0 GHz
Standard Freq. Values _____ 6, 18 GHz
Standard dB Values _____ 0–10, 12, 15, 20 & 30 dB
In 1 dB Increments

Attenuation Accuracy:

0 – 6 dB _____ ±0.3 dB
7 – 20 dB _____ ±0.5 dB
21 – 30 dB _____ ±0.75 dB

VSWR:

DC – 6 GHz _____ 1.20:1 Max.

DC – 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

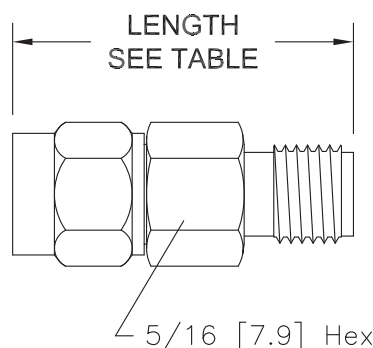
Operating Temp Range _____ –65°C to +125°C

Mechanical:

SMA Connectors _____ Passivated Stainless Steel
Mates with MIL-STD-348

Conductors _____ Gold Plated Beryllium Copper

FH STYLE



Connector Configuration	LENGTH			
	0 – 12 dB		13 – 30 dB	
	Inches	Millimeters	Inches	Millimeters
Male/Female	.86 ±.03	[21.8 ±0.8]	.99 ±.03	[25.1 ±0.8]

HOW TO ORDER:

Model Number: **XXFH-XX**

Freq. Range _____
6 = DC–6 GHz
18 = DC–18 GHz
_____ dB Value

Ordering Examples:

Model Number: **6FH-20**
DC–6 GHz; 20 dB; SMA – Male/Female

Model Number: **18FH-6**
DC–18 GHz; 6 dB; SMA – Male/Female

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.

18FH-ATT; REV A

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