

SPECIFICATIONS:

Electrical:

Frequency Range _____ DC – 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

@ 30 MHz _____ 1.05:1 Max.

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.

Input Power _____ 2 Watts Avg. @ 25°C

DERATED LINEARLY TO 0.5 WATTS @ +125°C

Peak Power _____ 250 Watts Max.

(5µsec Pulse, .05% Duty Cycle)

Impedance _____ 50 Ohms

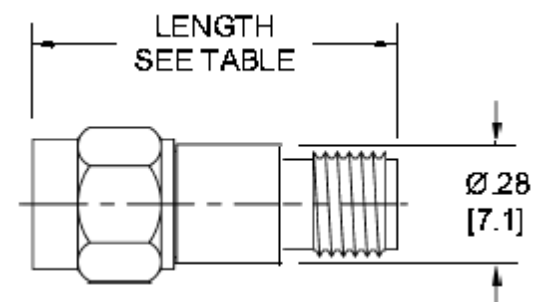
Operating Temp Range _____ -65°C to +125°C

Mechanical:

SMA Connectors _____ Passivated Stainless Steel

Mates with MIL-STD-348

Conductors _____ Gold Plated Beryllium Copper



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]



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PART NUMBER

PRF-AT1218-XX

DESCRIPTION

**SMA ATTENUATOR M/F
2 WATT, DC-18 GHz**

03/10/2012

APPROVED

C. Smith