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SMA Attenuators

RFAB18S2-XX-C

DC - 18 GHz, SMA, 2 Watt Attenuators

Rev 2

Electrical

Impedance	50 ohm
Frequency Range	DC-18 GHz
VSWR	1.3 max
Input Avg Power	2W@ 25°C ambient, derating linearly to 0.2W at 100°C
Peak Power	250W (5 micro-sec pulse width, 0.4% duty cycle)
Direction	Bidirectional, SMA female to SMA male (other configurations available)

Attenuation(dB)	0	1-6	7-12	13-20	21-30	40	50	60
Accuracy(dB)	0/+0.5	±0.4	±0.5	±0.8	±1.0	±1.2	±1.5	±1.5

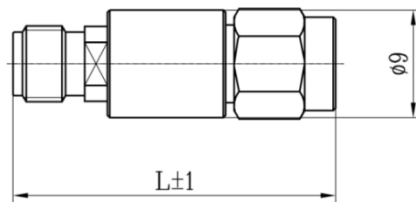
Mechanical

Connector Body	Passivated stainless steel
Heat Sink	N/A
Center Contact	Gold plated beryllium copper/brass
Net Weight	About 6 g

Environmental

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 125°C
RoHS	Compliant
Temperature Coefficient	<0.0004 dB/dB/°C

Dimensions(mm)



0-12 dB: L=24

13-30 dB: L=26.6

40/50/60 dB: L=30

Notes

1. Customized dB values, outlines and optimal accuracy/VSWR available.

Model Description

RFAB18S2-XX-C

1. XX for dB value: 06=6dB, 30=30dB

2. Code for connector configuration:

A=female for two ends; B=male for two ends

C=female for one end and male for the other.