

Coaxial Fixed Attenuator

RFH27XX35D25

DC-26.5 GHz, 1-60 dB, 25 Watts, 3.5mm, Unidirectional



Rev 1

Electrical

Impedance	50 ohm						
Frequency Range	DC-26.5 GHz						
VSWR	1.35 max						
Input Avg Power	25W@ 25°C ambient, derating linearly to 2.5W at 100°C						
Peak Power	200W (5 micro-sec pulse width, 5% duty cycle)						
Direction	Unidirectional, 3.5mm male input, 3.5mm female output (other configurations available)						

Attenuation(dB)	1-5	6-10	20	30	40	50	60
Accuracy(dB)	+2.4/-0	±1.2	±1.0	±1.2	±1.3	±1.4	±1.5

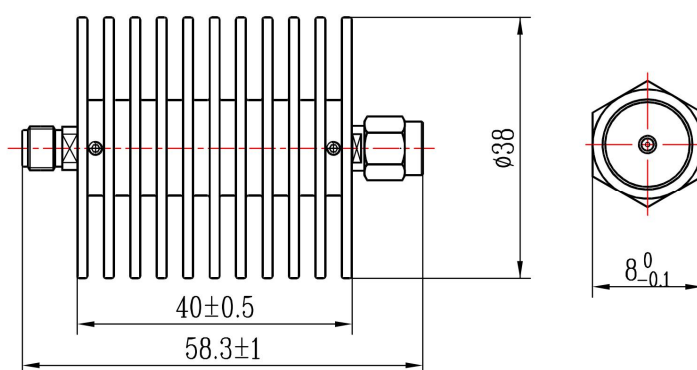
Mechanical

Connector Body	Passivated stainless steel
Heat Sink	Black anodized aluminum
Center Contact	Gold plated beryllium copper/brass
Net Weight	Approx 65 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)



Notes

1. Always pay attention to the direction of attenuators.
2. To maintain best performance, recommended to use fan to keep the case temperature under 85°C.
3. Customized dB values, outlines and optimal accuracy/VSWR available.

Model Description

RFH27XXS35D25

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 input and male for output;
D=male for input and female for output.