

Coaxial Fixed Attenuator

RFHB34XX35C2

DC-34 GHz, 1-40 dB, 2 Watts, 3.5mm, Bidirectional



Rev 1

Electrical

Impedance	50 ohm			
Frequency Range	DC-34 GHz			
VSWR	1.2 max			
Input Avg Power	2W@ 25°C ambient, derating linearly to 0.5W at 100°C			
Peak Power	200W (5 micro-sec pulse width, 1% duty cycle)			
Direction	Bidirectional, 3.5mm female to 3.5mm male (other configurations available)			
Attenuation(dB)	1-3	4-15	16-30	31-40
Accuracy(dB)	-0.4/+0.5	-0.5/+0.5	-0.5/+0.5	-0.6/+0.6

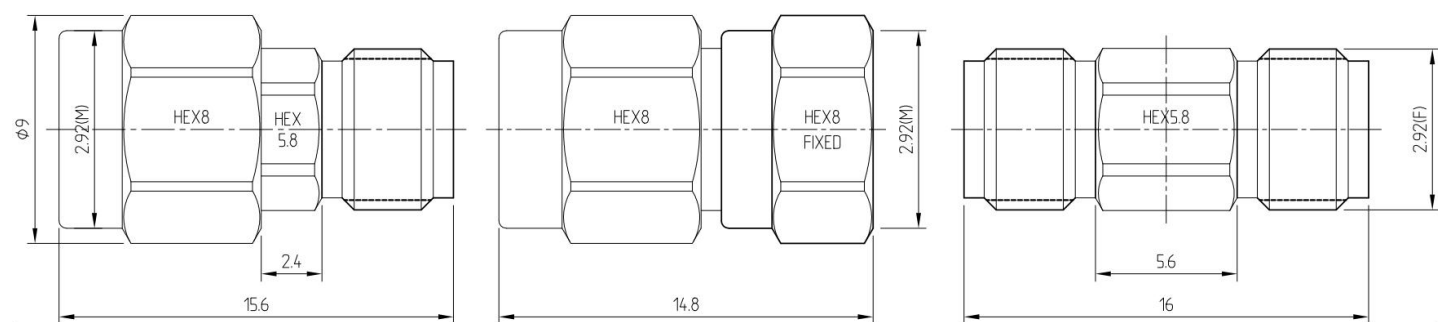
Mechanical

Connector Body	Passivated stainless steel
Heat Sink	N/A
Center Contact	1.27um Gold plated BeCu
Net Weight	Approx 3.5 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)



RFHB34XX35C2

RFHB34XX35B2

RFHB34XX35A2

Notes

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

Model Description

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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.