

# Coaxial Fixed Attenuator

# RFHB06XXQC2

DC-6 GHz, 1-50 dB, 2 Watts, QMA, Bidirectional



Rev 3

### Electrical

<b>Impedance</b>	50 ohm		
<b>Frequency Range</b>	DC-6 GHz		
<b>VSWR</b>	1.2 max		
<b>Input Avg Power</b>	2W@ 25°C ambient, derating linearly to 0.2W at 100°C		
<b>Peak Power</b>	200W (5 micro-sec pulse width, 0.5% duty cycle)		
<b>Direction</b>	Bidirectional, QMA female to QMA male (other configurations available)		

<b>Attenuation(dB)</b>	1-10	20	30	40,50
<b>Accuracy(dB)</b>	±0.5	±0.6	±0.8	±0.8

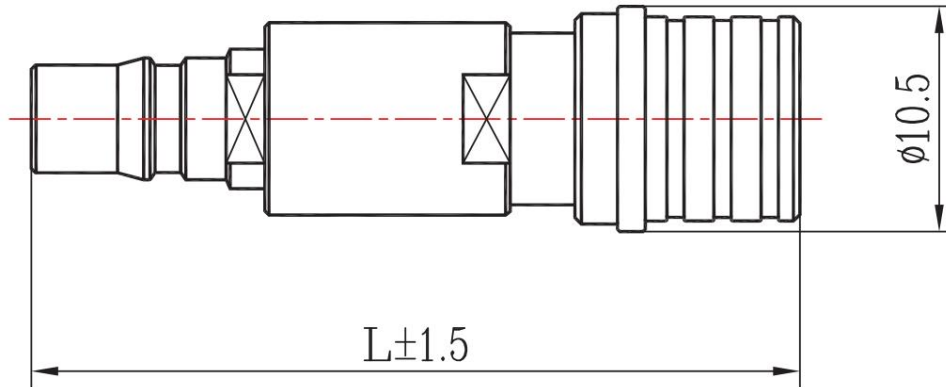
### Mechanical

<b>Connector Body</b>	Ternary alloy plated brass
<b>Heat Sink</b>	N/A
<b>Center Contact</b>	Gold plated beryllium copper/brass
<b>Net Weight</b>	Approx 10 g

### Environmental

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

### Dimensions(mm)



L=36 (1-30dB)  
L=39 (40,50dB)

### Notes

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

### Model Description

#### RFHB06XXQC2

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.