



Coaxial Fixed Attenuator

RFHB40XX292C2

DC-40 GHz, 1-30 dB, 2 Watts, 2.92mm, Bidirectional

Rev 3

Electrical

Impedance	50 ohm			
Frequency Range	DC-40 GHz			
VSWR	1.23 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, 2.92mm female to 2.92mm male (other configurations available)			

Attenuation(dB)	1-3	4-8	9-15	16-30
Accuracy(dB)	-0.5/+0.8	-0.7/+0.9	-0.7/+0.7	-0.9/+1.0

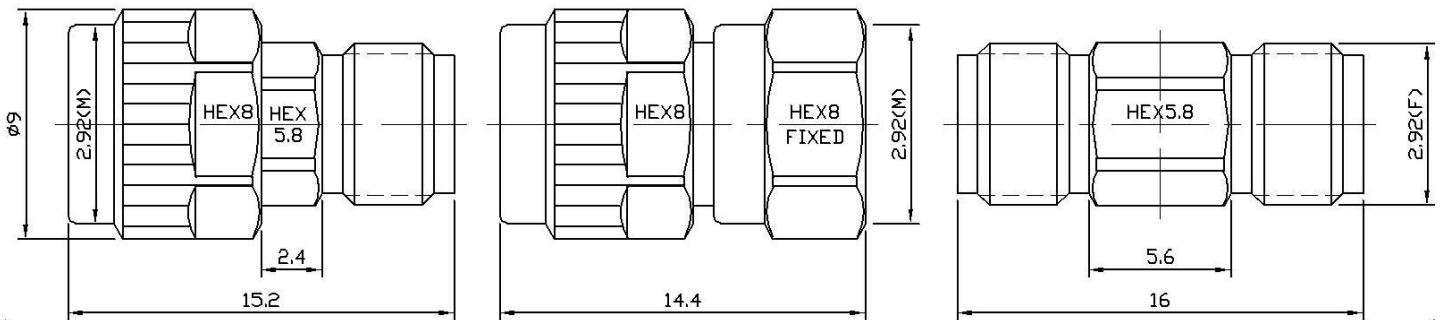
Mechanical

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)



male to female

male to male

female to female

Notes

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

Model Description

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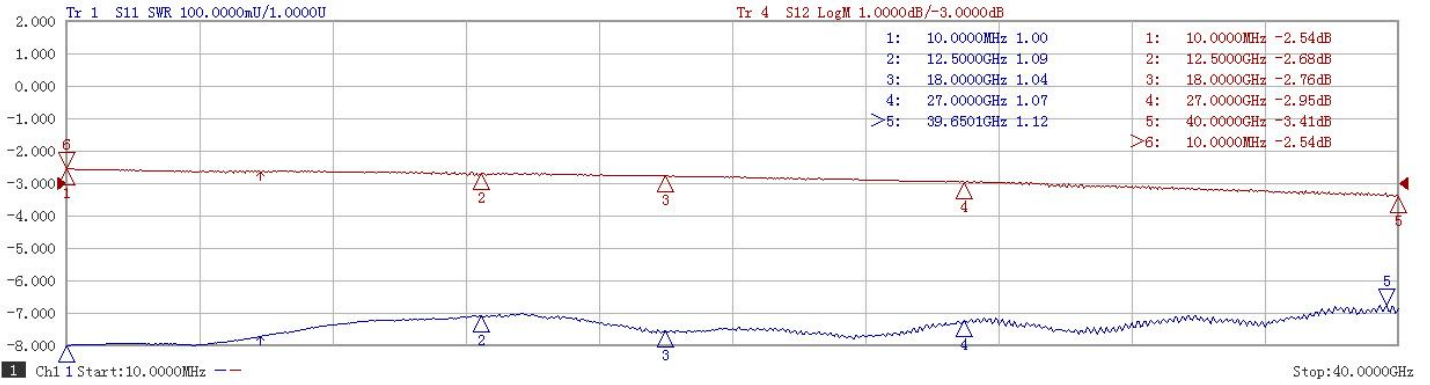
1. XX for dB value: 06=6dB, 30=30dB

2. Code for connector configuration:

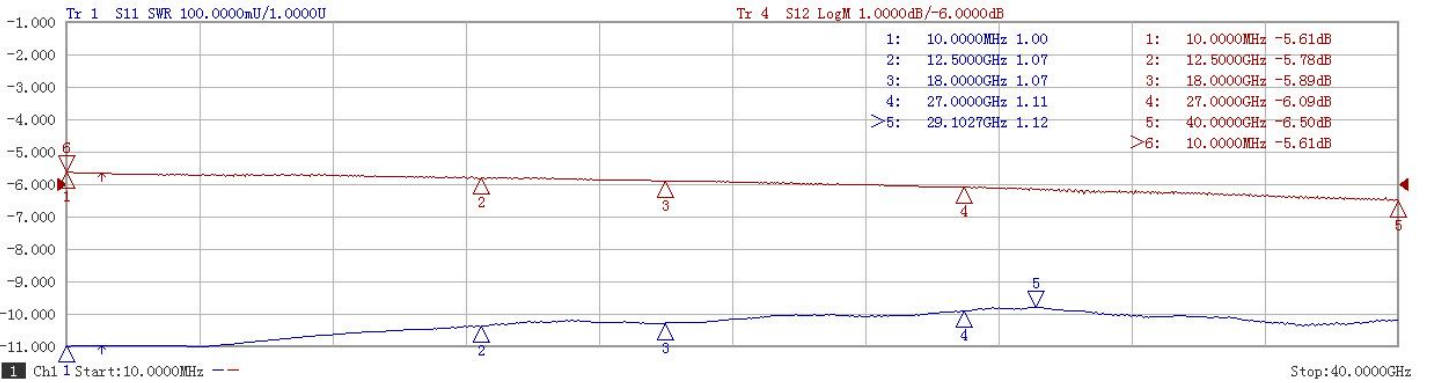
A=female for two ends; B=male for two ends

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

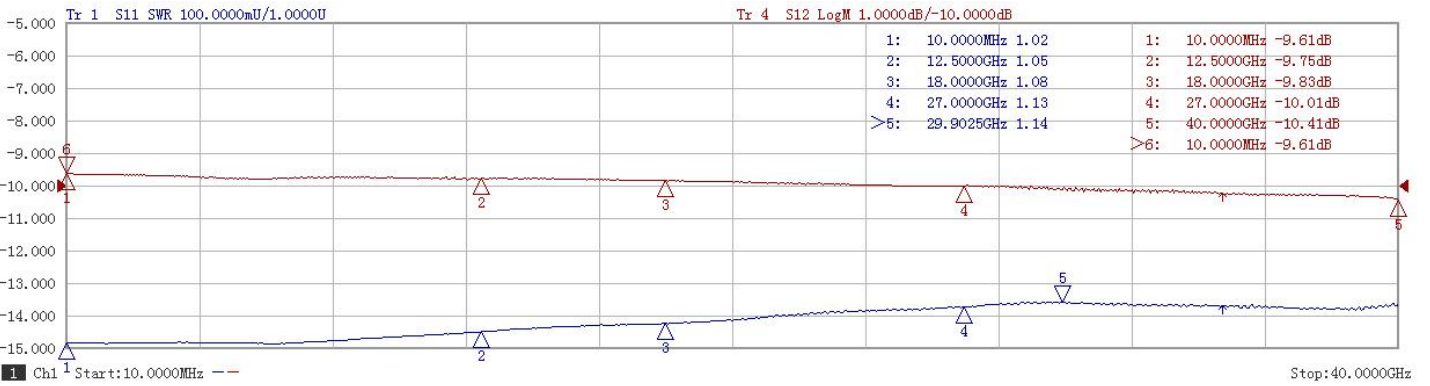
3dB



6dB



10dB



30dB

