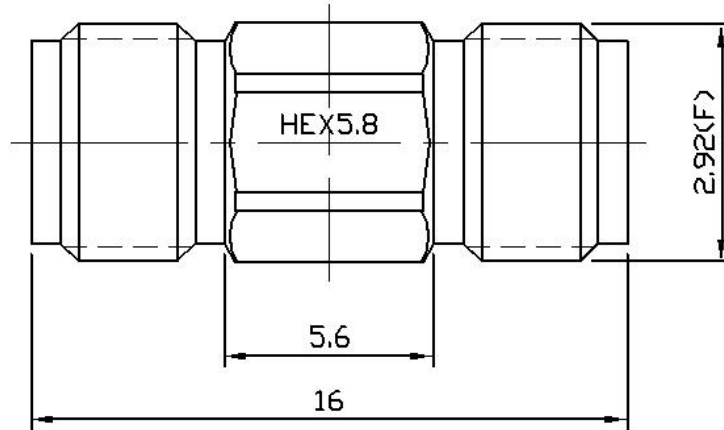




## 2.92mm Coaxial Fixed Attenuator, R402FF-XX DC-40GHz, 2W, 1-40dB, Bidirectional, Round

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

<b>Frequency Range</b>	DC-40GHz , 50Ohms
<b>VSWR</b>	1.2 Max(1-30dB); 1.3 max (31-40dB)
<b>Input Avg Power</b>	2W @25°C
<b>Peak Power</b>	200W (5μsec pulse width, 1% duty cycle)
<b>Temp Coefficient</b>	<0.0004 dB/dB/°C
<b>Direction</b>	Bidirectional, 2.92mm female to 2.92mm female
<b>Attenuation</b>	1-40dB
<b>Operating Temp</b>	-55°C~+125°C

### Product Selection, Customizable

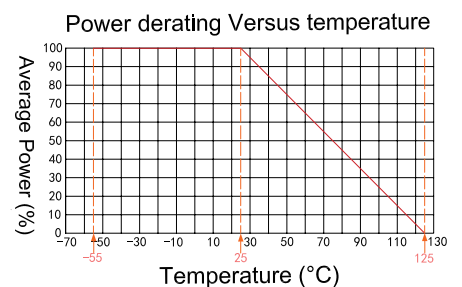
RFTOP P/N	ATTEN	Accuracy
R402FF-3	3 dB	+0.8/-0.5 dB
R402FF-6	6 dB	+0.9/-0.7 dB
R402FF-10	10 dB	±0.7 dB
R402FF-20	20 dB	+1.0/-0.9 dB
R402FF-30	30 dB	+1.0/-0.9 dB
R402FF-40	40 dB	+1.0/-0.9 dB

**Notes:** Pay attention to input/output. To ensure longevity and performance, do not use at full power for a long time. Peak power, pulse width, and duty cycle need to meet the requirements. Input high power, require heat dissipation, maintain temperature within 80°C. Reference Curve, derate linearly to 0.2W at 100°C.

### Mechanical & Product Information

<b>Product Number</b>	R402FF-XX
<b>Product Type</b>	Coaxial Fixed Attenuator, JP-Grade
<b>Connector</b>	2.92mm female, 2.92mm female
<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	1.27um Gold plated beryllium copper
<b>Heat Sink</b>	N/A
<b>Net Weight</b>	About 3.5g

1. Customized connectors, dimensions, directionality, PIM, dB values.
2. Refer to the RFTOP attenuator selection and usage guide.

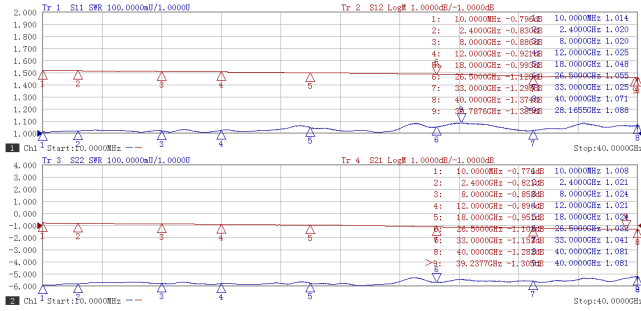




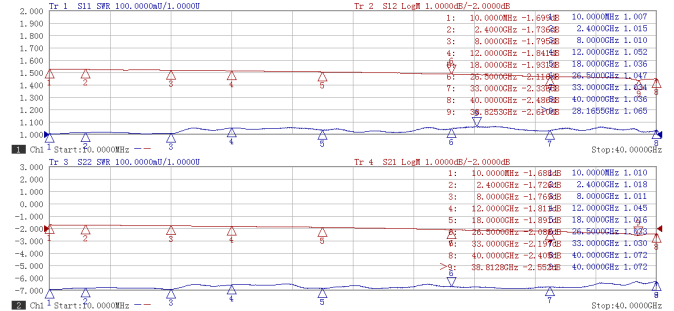
## 2.92mm Coaxial Fixed Attenuator, R402FF-XX DC-40GHz, 2W, 1-40dB, Bidirectional, Round

### Typical Test Data

1dB



2dB



3dB

