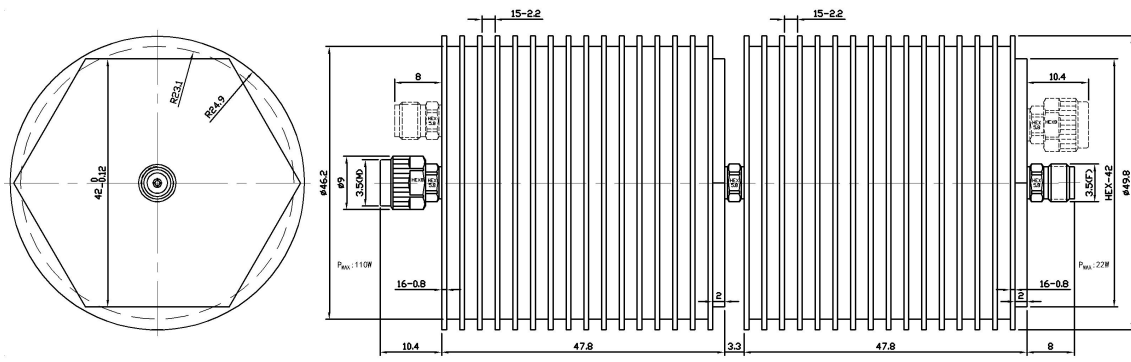


## 2.92mm Coaxial Fixed Attenuator, R30100U-XX DC-30GHz, 100W, 10-40dB, Unidirectional, Round

### Dimensions(mm) Tolerance $\pm 1\%$



### Electrical & Environmental

<b>Frequency Range</b>	DC-30GHz , 50Ohms
<b>VSWR</b>	1.3 Max
<b>Input Avg Power</b>	100W @25°C
<b>Peak Power</b>	500W (5 $\mu$ sec pulse width, 5% duty cycle)
<b>Temp Coefficient</b>	<0.0004 dB/dB/°C
<b>Direction</b>	Unidirectional, 2.92mm male input to 2.92mm female output
<b>Attenuation</b>	10-40dB
<b>Operating Temp</b>	-55°C~+100°C

### Product Selection, Customizable

RFTOP P/N	Values	Accuracy
R30100U-10	10dB	+2.8/-2.0dB
R30100U-20	20dB	+2.2/-1.5dB
R30100U-30	30dB	+1.5/-1.2dB
R30100U-40	40dB	+1.5/-1.2dB

**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 10W at 100°C.

### Mechanical & Product Information

<b>Product Number</b>	R30100U-XX
<b>Product Type</b>	Coaxial Fixed Attenuator, JP-Grade
<b>Connector</b>	2.92mm male, 2.92mm female
<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	1.27 $\mu$ m Gold plated beryllium copper
<b>Heat Sink</b>	Black anodized aluminum
<b>Net Weight</b>	About 450.0g

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

