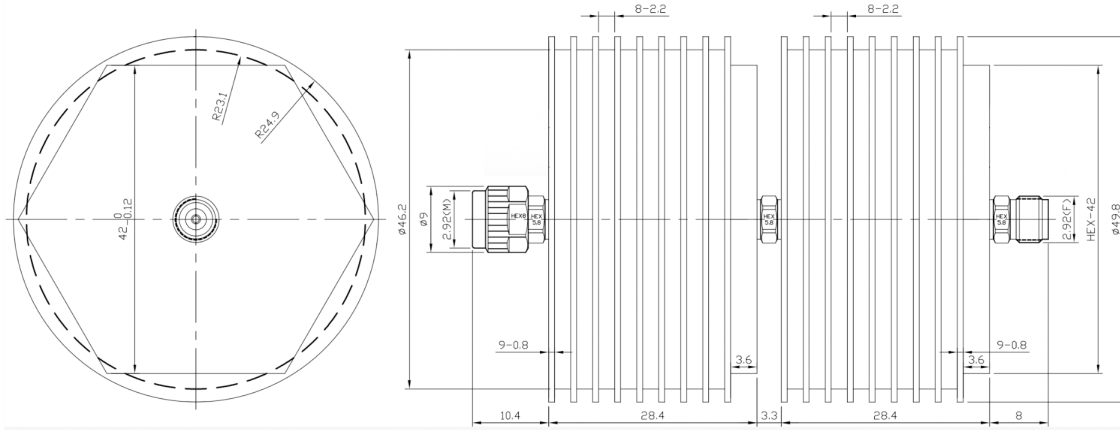




## 2.92mm(K,SK) Coaxial Fixed Attenuator, R4050-XX DC-40GHz, 50W, 6dB, Bidirectional, Round

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

<b>Frequency Range</b>	DC-40GHz , 50Ohms
<b>VSWR</b>	1.38 Max
<b>Input Avg Power</b>	50W @25°C
<b>Peak Power</b>	200W (5μsec pulse width, 10% duty cycle)
<b>Temp Coefficient</b>	<0.0004 dB/dB/°C
<b>Direction</b>	Bidirectional, 2.92mm male to 2.92mm female
<b>Attenuation</b>	6dB
<b>Operating Temp</b>	-55°C~+100°C

### Product Selection, Customizable

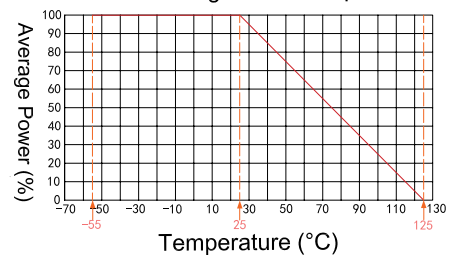
RFTOP P/N	ATTEN	Accuracy
R4050-6	6 dB	-3.3/+3.7 dB

**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 60°C. Reference Curve, derate linearly to 5W at 100°C.

### Mechanical & Product Information

<b>Product Number</b>	R4050-XX
<b>Product Type</b>	Coaxial Fixed Attenuator, JP-Grade
<b>Connector</b>	2.92mm(K,SK) male, 2.92mm(K,SK) female
<b>Connector Body</b>	Passivated stainless steel
<b>Center Contact</b>	1.27um Gold plated beryllium copper
<b>Heat Sink</b>	Black anodized aluminum
<b>Net Weight</b>	About 280.0g

Power derating Versus temperature



1. Customized connectors, dimensions, directionality, PIM, dB values.

2. Refer to the RFTOP attenuator selection and usage guide.