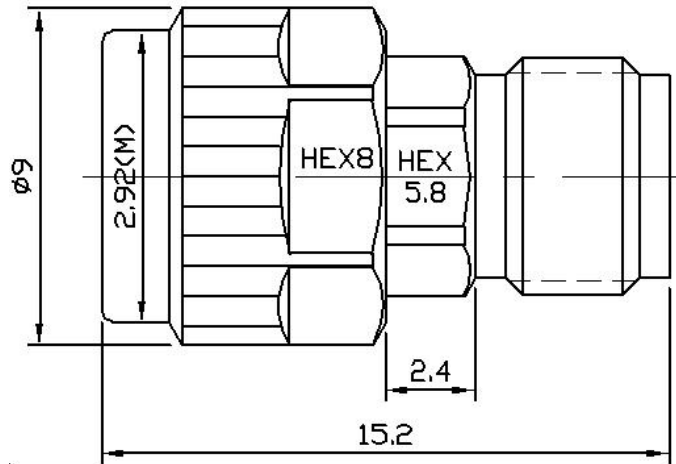




2.92mm Coaxial Fixed Attenuator, R402-XX DC-40GHz, 2W, 1-40dB, Bidirectional, Round

Dimensions(mm) Tolerance±1%



Electrical & Environmental

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

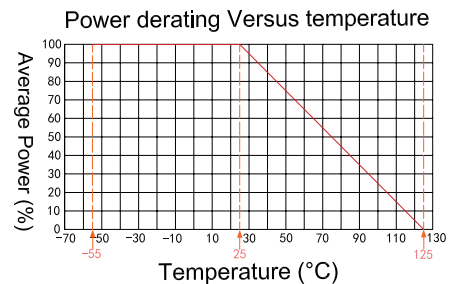
Product Selection, Customizable

RFTOP P/N	Attenuation	Accuracy
R402-3	3 dB	+0.8/-0.5 dB
R402-5	5 dB	+0.9/-0.7 dB
R402-6	6 dB	+0.9/-0.7 dB
R402-10	10 dB	±0.7 dB
R402-20	20 dB	+1.0/-0.9 dB
R402-30	30 dB	+1.0/-0.9 dB
R402-40	40 dB	+1.0/-0.9 dB

Mechanical & Product Information

Product Number	R402-XX
Product Type	Coaxial Fixed Attenuator, JP-Grade
Connector	2.92mm male, 2.92mm female
Connector Body	Passivated stainless steel
Center Contact	1.27um Gold plated beryllium copper
Heat Sink	N/A
Net Weight	About 3.5g

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.



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

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



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Typical Test Data

