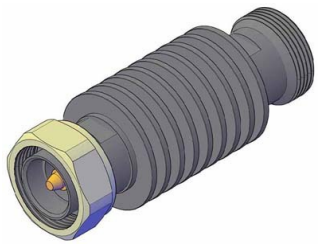
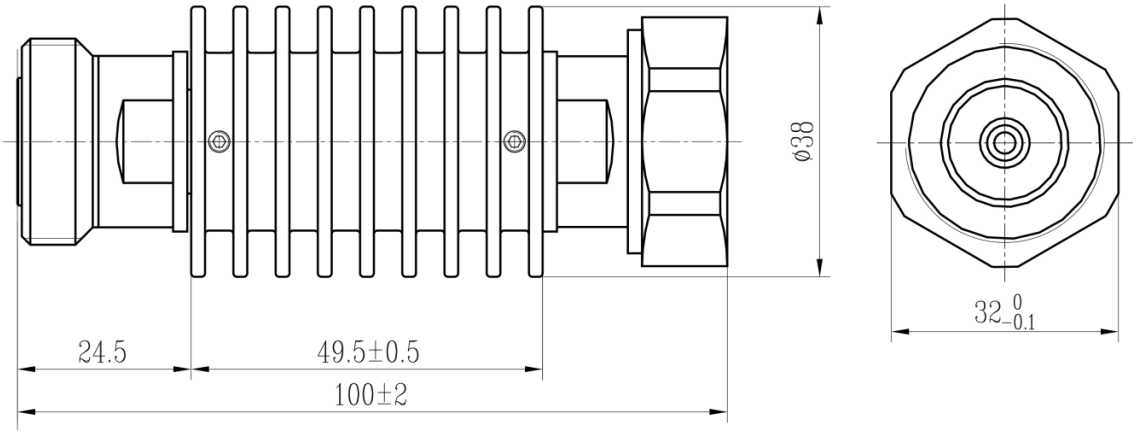
V1.0-202513

L29(DIN 7/16) Coaxial Fixed Attenuator, R6D10-XX
DC-6GHz, 10W, 1-60dB, Bidirectional, Round



Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-6GHz , 50Ohms
VSWR	1.25 Max
Input Avg Power	10W @25°C
Peak Power	500W (5μsec pulse width, 1% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional, L29 male to L29 female
Attenuation	1-60dB
Operating Temp	-55°C~+125°C

Mechanical & Product Information

Product Number	R6D10-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	L29(DIN 7/16) male, L29(DIN 7/16) female
Connector Body	Ternary alloy plated brass
Center Contact	Gold plated brass，Gold plated beryllium copper
Heat Sink	Black anodized aluminum
Net Weight	About 150.0g

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

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

Product Selection，Customizable		
RFTOP P/N	**ATTEN**	**Accuracy**
R6D10-3	3 dB	±0.5 dB
R6D10-6	6 dB	±0.5 dB
R6D10-10	10 dB	±0.5 dB
R6D10-20	20 dB	±0.6 dB
R6D10-30	30 dB	±0.8 dB
R6D10-40	40 dB	±0.9 dB
R6D10-50	50 dB	±0.9 dB
R6D10-60	60 dB	±1.0 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 1W at 100°C.