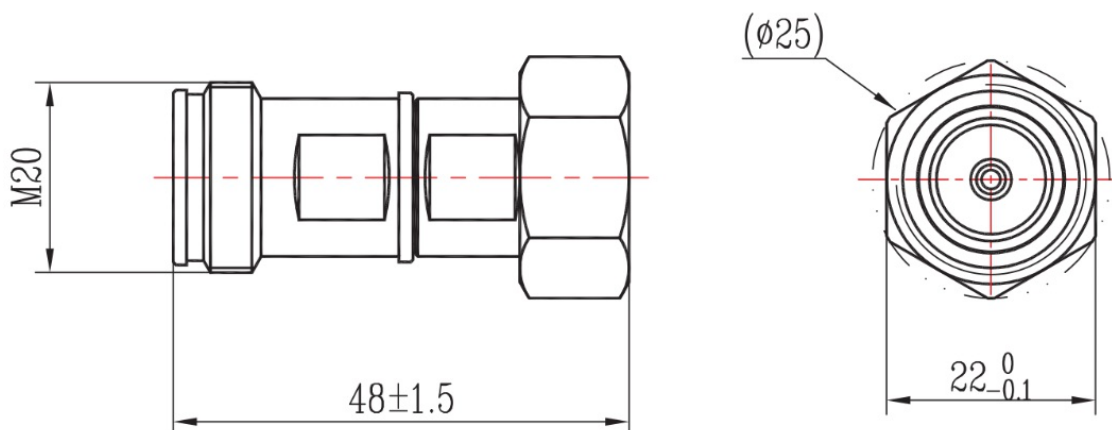




4.3-10 Coaxial Fixed Attenuator, R6P5-XX DC-6GHz, 5W, 1-30dB, Bidirectional, Round

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



Electrical & Environmental

Frequency Range	DC-6GHz , 50Ohms
VSWR	1.2 Max
Input Avg Power	5W @25°C
Peak Power	500W (5μsec pulse width, 0.5% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional, 4.3-10 male to 4.3-10 female
Attenuation	1-30dB
Operating Temp	-55°C~+100°C

Mechanical & Product Information

Product Number	R6P5-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	4.3-10 male, 4.3-10 female
Connector Body	Ternary alloy plated brass
Center Contact	Gold plated brass, Gold plated beryllium copper
Heat Sink	N/A
Net Weight	About 75.0g

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
R6P5-3	3 dB	± 0.3 dB
R6P5-6	6 dB	± 0.3 dB
R6P5-10	10 dB	± 0.5 dB
R6P5-20	20 dB	± 0.6 dB
R6P5-30	30 dB	± 0.8 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 0.5W at 100°C.

