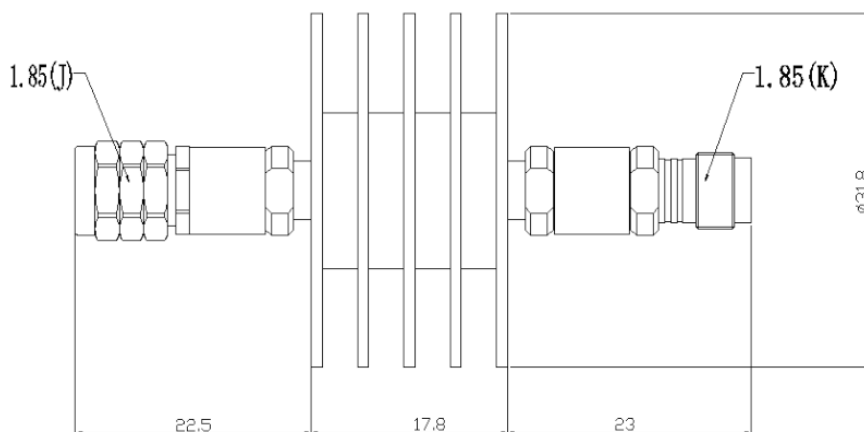


1.85mm Coaxial Fixed Attenuator, R675X-XX DC-67GHz, 5W, 1-30dB, Bidirectional, Round

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



Electrical & Environmental

Frequency Range	DC-67GHz , 50Ohms
VSWR	1.4 Max
Input Avg Power	5W @25°C
Peak Power	20W (5μsec pulse width, 2.5% duty cycle)
Temp Coefficient	<0.0004 dB/dB/°C
Direction	Bidirectional, 1.85mm male to 1.85mm female
Attenuation	1-30dB
Operating Temp	-55°C~+125°C

Mechanical & Product Information

Product Number	R675X-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	1.85mm male, 1.85mm female
Connector Body	Passivated stainless steel
Center Contact	1.27μm Gold plated brass & beryllium copper
Heat Sink	Black anodized aluminum
Net Weight	About 30.0g

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
R675X-3	3 dB	+1.5/-1.0 dB
R675X-6	6 dB	+1.5/-1.0 dB
R675X-10	10 dB	+1.5/-1.0 dB
R675X-20	20 dB	+1.5/-1.2 dB
R675X-30	30 dB	+2.0/-1.5 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 0.5W at 100°C.

Power derating Versus temperature

