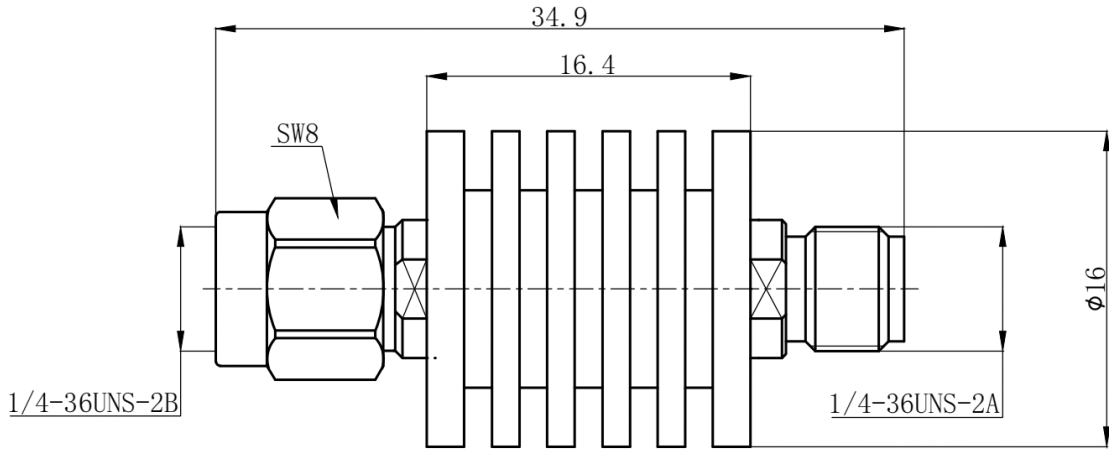


SMA Coaxial Fixed Attenuator, R18S10-TBA-XX DC-18GHz, 10W, 1-60dB, Bidirectional, Round

Dimensions(mm) Tolerance±1%



Electrical & Environmental

Frequency Range	DC-18GHz , 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, SMA male to SMA female
Attenuation	1-60dB
Operating Temp	-55°C~+85°C

Product Selection, Customizable		
RFTOP P/N	ATTEN	Accuracy
R18S10-TBA-3	3 dB	±0.5 dB
R18S10-TBA-5	5 dB	±0.5 dB
R18S10-TBA-6	6 dB	±0.6 dB
R18S10-TBA-10	10 dB	±0.6 dB
R18S10-TBA-15	15 dB	±0.8 dB
R18S10-TBA-20	20 dB	±0.8 dB
R18S10-TBA-30	30 dB	±1.0 dB
R18S10-TBA-40	40 dB	±1.0 dB

Mechanical & Product Information

Product Number	R18S10-TBA-XX
Product Type	Coaxial Fixed Attenuator, E-Grade
Connector	SMA male, SMA female
Connector Body	Ternary alloy plated brass
Center Contact	Gold plated beryllium copper
Heat Sink	Black anodized aluminum

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.

1. Customized connectors, dimensions, directionality, PIM, dB values.
2. Refer to the RFTOP attenuator selection and usage guide.

