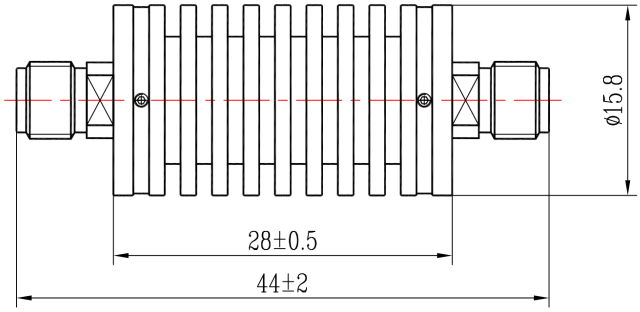


SMA Coaxial Fixed Attenuator, R18S10FF-XX
DC-18GHz, 10W, 1-40dB, Bidirectional, Round

01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

Frequency Range	DC-18GHz , 50Ohms
VSWR	1.35 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 female to SMA female
Attenuation	1-40dB
Operating Temp	-55°C~+125°C

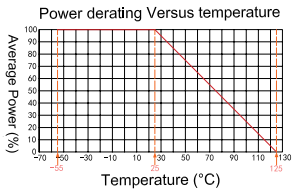
Product Selection		
RFTOP P/N	**ATTEN**	**Accuracy**
R18S10FF-3	3 dB	±0.6 dB
R18S10FF-6	6 dB	±0.6 dB
R18S10FF-10	10 dB	±0.6 dB
R18S10FF-15	15 dB	±0.8 dB
R18S10FF-20	20 dB	±0.8 dB
R18S10FF-30	30 dB	±1.0 dB
R18S10FF-40	40 dB	±1.2 dB

03

Mechanical & Product Information

Product Number	R18S10FF-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	SMA female, SMA female
Connector Body	Passivated stainless steel
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 60°C. Reference Curve,derate linearly to 1W at 100°C.





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04 Typical Test Data

10dB

30dB