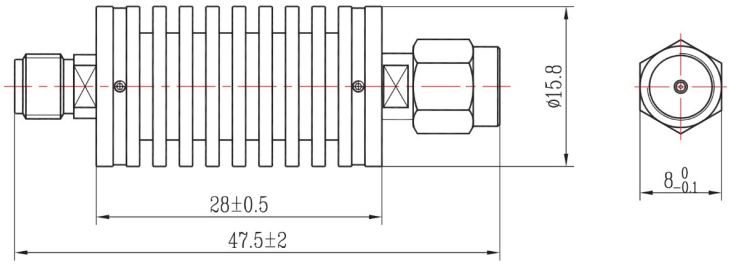


SMA Coaxial Fixed Attenuator, R18S10-XX
DC-18GHz, 10W, 1-40dB, Bidirectional, Round

01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

Frequency Range	DC-18GHz , 50Ohms
VSWR	1.35 Max
Input Avg Power	10W @25℃
Peak Power	500W (5μsec pulse width, 1% duty cycle)
Temp Coefficient	<0.0004 dB/dB/℃
Direction	Bidirectional, SMA male to SMA female
Attenuation	1-40dB
Operating Temp	-55℃~+125℃

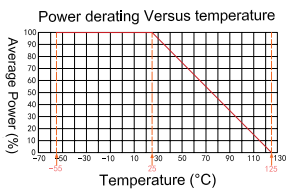
03

Mechanical & Product Information

Product Number	R18S10-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	SMA male, SMA female
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass，Gold plated beryllium copper
Heat Sink	Black anodized aluminum
Net Weight	About 16.0g

Product Selection		
RFTOP P/N	**ATTEN**	**Accuracy**
R18S10-3	3 dB	±0.6 dB
R18S10-5	5 dB	±0.6 dB
R18S10-6	6 dB	±0.6 dB
R18S10-10	10 dB	±0.6 dB
R18S10-15	15 dB	±0.8 dB
R18S10-20	20 dB	±0.8 dB
R18S10-30	30 dB	±1.0 dB
R18S10-40	40 dB	±1.2 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 1W at 100°C.



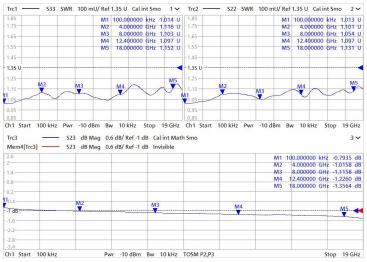
SMA Coaxial Fixed Attenuator, R18S10-XX
DC-18GHz, 10W, 1-40dB, Bidirectional, Round



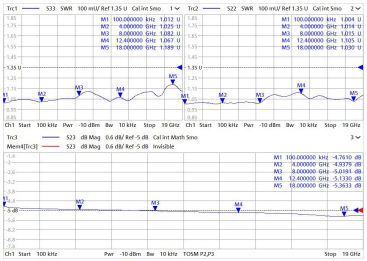
04

Typical Test Data

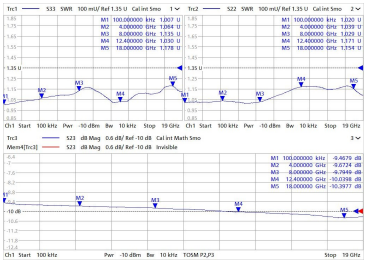
1dB



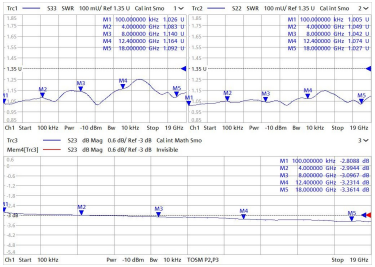
5dB



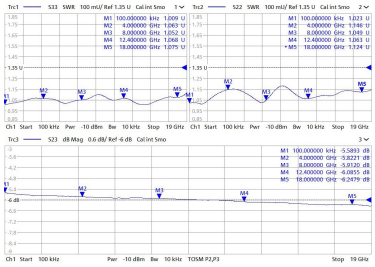
10dB



3dB



6dB



20dB

