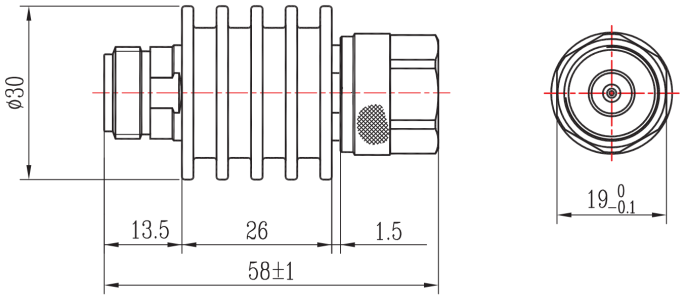


N Coaxial Fixed Attenuator, R18N10-XX
DC-18GHz, 10W, 1-60dB, Bidirectional, Round

01

Dimensions(mm) Tolerance±1%



02

Electrical & Environmental

Frequency Range	DC-18GHz , 50Ohms
VSWR	1.45 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, N male to N female
Attenuation	1-60dB
Operating Temp	-55°C~+125°C

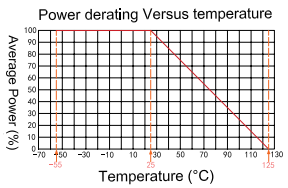
03

Mechanical & Product Information

Product Number	R18N10-XX
Product Type	Coaxial Fixed Attenuator, P-Grade
Connector	N male, N female
Connector Body	Passivated stainless steel
Center Contact	Gold plated brass，Gold plated beryllium copper
Heat Sink	Black anodized aluminum
Net Weight	About 90.0g

Product Selection		
RFTOP P/N	**ATTEN**	**Accuracy**
R18N10-3	3 dB	±0.6 dB
R18N10-6	6 dB	±0.6 dB
R18N10-10	10 dB	±0.6 dB
R18N10-20	20 dB	±0.8 dB
R18N10-30	30 dB	±1.0 dB
R18N10-40	40 dB	±1.2 dB
R18N10-50	50 dB	±1.3 dB
R18N10-60	60 dB	±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 80°C. Reference Curve,derate linearly to 1W at 100°C.



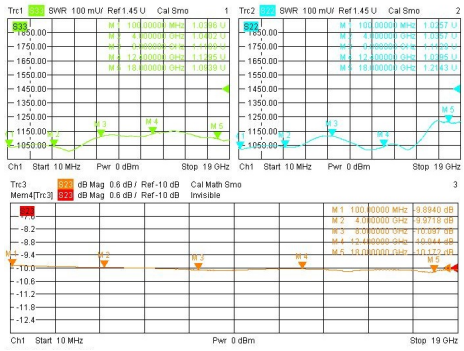


N Coaxial Fixed Attenuator, R18N10-XX
DC-18GHz, 10W, 1-60dB, Bidirectional, Round

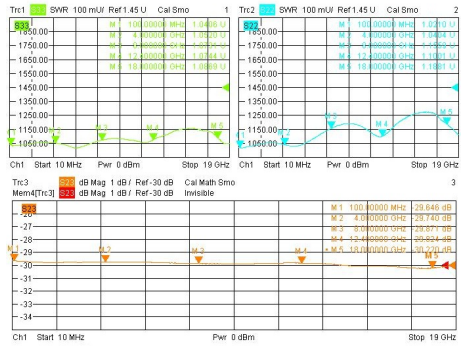
04

Typical Test Data

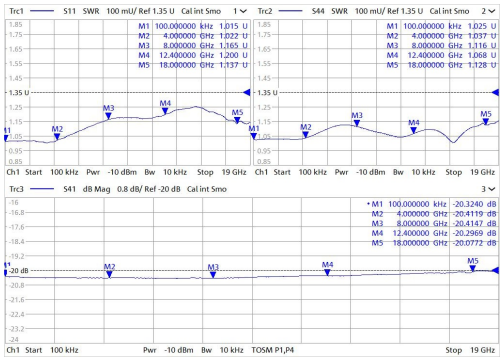
10dB



30dB



20dB



40dB

