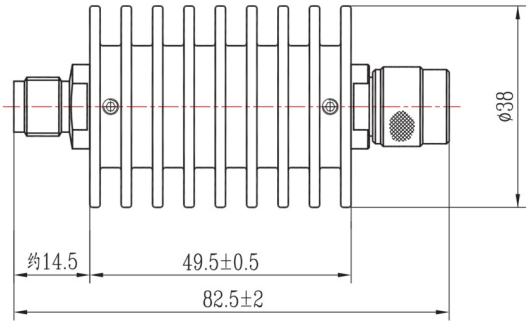


## TNC Coaxial Fixed Attenuator, R6T20-XX
## DC-6GHz, 20W, 1-40dB, Unidirectional, Round

01

### Dimensions(mm) Tolerance±1%




02

### Electrical & Environmental

| | |
|---|---|
| **Frequency Range** | DC-6GHz , 50Ohms |
| **VSWR** | 1.25 Max |
| **Input Avg Power** | 20W @25°C |
| **Peak Power** | 500W (5μsec pulse width, 1% duty cycle) |
| **Temp Coefficient** | <0.0004 dB/dB/°C |
| **Direction** | Unidirectional, TNC male imput to TNC female output |
| **Attenuation** | 1-40dB |
| **Operating Temp** | -55°C~+125°C |

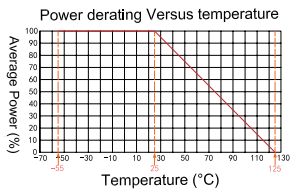
03

### Mechanical & Product Information

| | |
|---|---|
| **Product Number** | R6T20-XX |
| **Product Type** | Coaxial Fixed Attenuator, P-Grade |
| **Connector** | TNC male, TNC female |
| **Connector Body** | Ternary alloy plated brass |
| **Center Contact** | Gold plated brass，Gold plated beryllium copper |
| **Heat Sink** | Black anodized aluminum |
| **Net Weight** | About 115.0g |

| Product Selection | | |
|---|---|---|
| **RFTOP P/N** | **ATTEN** | **Accuracy** |
| R6T20-3 | 3 dB | ±0.5 dB |
| R6T20-6 | 6 dB | ±0.5 dB |
| R6T20-10 | 10 dB | ±0.5 dB |
| R6T20-20 | 20 dB | ±0.6 dB |
| R6T20-30 | 30 dB | ±0.8 dB |
| R6T20-40 | 40 dB | ±0.8 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 2W at 100°C.

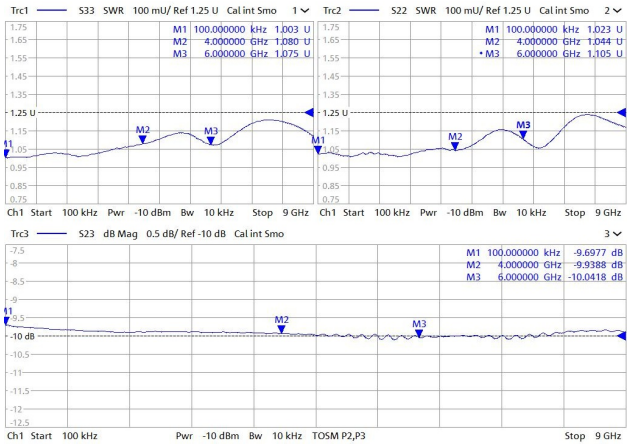


# TNC Coaxial Fixed Attenuator, R6T20-XX
# DC-6GHz, 20W, 1-40dB, Unidirectional, Round

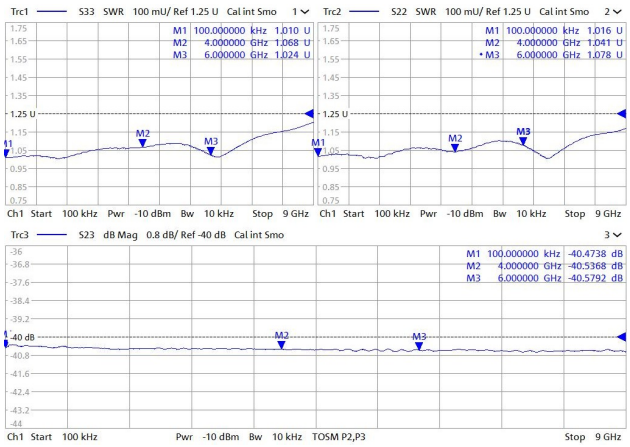


## 04 Typical Test Data

10dB




40dB




30dB

