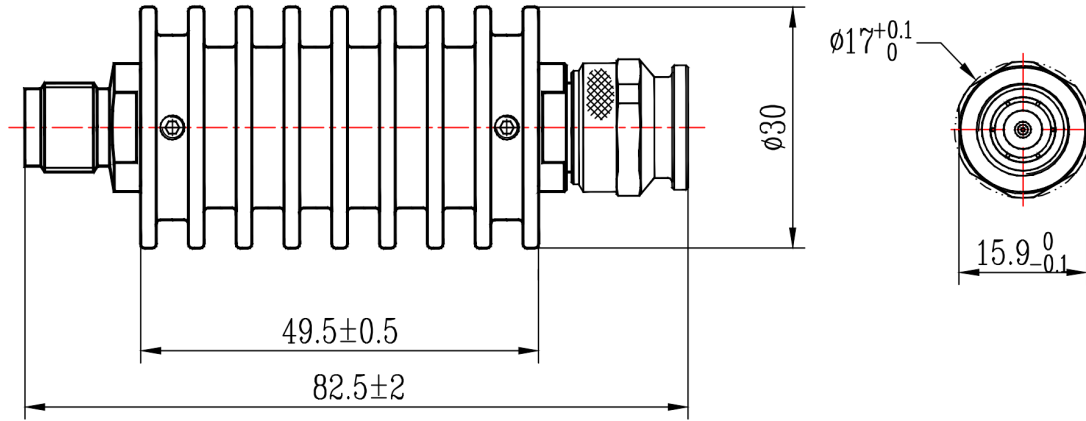




## TNC Coaxial Fixed Attenuator, R6T10-XX DC-6GHz, 10W, 1-60dB, Bidirectional, Round

### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

|                         |   |
|-------------------------|---|
| <b>Frequency Range</b>  | DC-6GHz , 50Ohms                        |
| <b>VSWR</b>             | 1.25 Max                                |
| <b>Input Avg Power</b>  | 10W @25°C                               |
| <b>Peak Power</b>       | 100W (5μsec pulse width, 5% duty cycle) |
| <b>Temp Coefficient</b> | <0.0004 dB/dB/°C                        |
| <b>Direction</b>        | Bidirectional, TNC male to TNC female   |
| <b>Attenuation</b>      | 1-60dB                                  |
| <b>Operating Temp</b>   | -55°C~+125°C                            |

### Product Selection, Customizable

| RFTOP P/N | ATTEN | Accuracy |
|-----------|-------|----------|
| R6T10-3   | 3 dB  | ±0.5 dB  |
| R6T10-6   | 6 dB  | ±0.5 dB  |
| R6T10-10  | 10 dB | ±0.5 dB  |
| R6T10-20  | 20 dB | ±0.6 dB  |
| R6T10-30  | 30 dB | ±0.8 dB  |
| R6T10-40  | 40 dB | ±0.8 dB  |
| R6T10-50  | 50 dB | ±0.9 dB  |
| R6T10-60  | 60 dB | ±0.9 dB  |

### Mechanical & Product Information

|                       |   |
|-----------------------|---|
| <b>Product Number</b> | R6T10-XX  |
| <b>Product Type</b>   | Coaxial Fixed Attenuator, P-Grade               |
| <b>Connector</b>      | TNC male, TNC female                            |
| <b>Connector Body</b> | Ternary alloy plated brass                      |
| <b>Center Contact</b> | Gold plated brass, Gold plated beryllium copper |
| <b>Heat Sink</b>      | 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.

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

