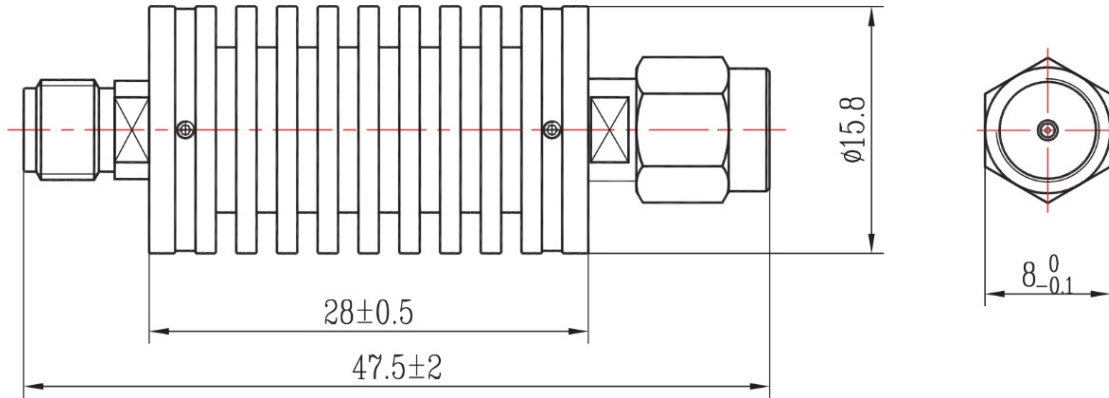




**SMA Coaxial Fixed Attenuator, R4S10-XX**  
**DC-4GHz, 10W, 1-40dB, Bidirectional, Round**

**Dimensions(mm) Tolerance±1%**



**Electrical & Environmental**

|                         |   |
|-------------------------|---|
| <b>Frequency Range</b>  | DC-4GHz , 50Ohms                        |
| <b>VSWR</b>             | 1.15 Max                                |
| <b>Input Avg Power</b>  | 10W @25°C                               |
| <b>Peak Power</b>       | 500W (5μsec pulse width, 1% duty cycle) |
| <b>Temp Coefficient</b> | <0.0004 dB/dB/°C                        |
| <b>Direction</b>        | Bidirectional, SMA male to SMA female   |
| <b>Attenuation</b>      | 1-40dB                                  |
| <b>Operating Temp</b>   | -55°C~+100°C                            |

| Product Selection, Customizable |       |          |
|---------------------------------|-------|----------|
| RFTOP P/N                       | ATTEN | Accuracy |
| R4S10-3                         | 3 dB  | ±0.4 dB  |
| R4S10-6                         | 6 dB  | ±0.4 dB  |
| R4S10-10                        | 10 dB | ±0.4 dB  |
| R4S10-20                        | 20 dB | ±0.5 dB  |
| R4S10-30                        | 30 dB | ±0.6 dB  |
| R4S10-40                        | 40 dB | ±0.7 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.

**Mechanical & Product Information**

|                       |   |
|-----------------------|---|
| <b>Product Number</b> | R4S10-XX  |
| <b>Product Type</b>   | Coaxial Fixed Attenuator, P-Grade               |
| <b>Connector</b>      | SMA male, SMA female                            |
| <b>Connector Body</b> | Passivated stainless steel                      |
| <b>Center Contact</b> | Gold plated brass, Gold plated beryllium copper |
| <b>Heat Sink</b>      | Black anodized aluminum                         |
| <b>Net Weight</b>     | About 16.0g                                     |

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

