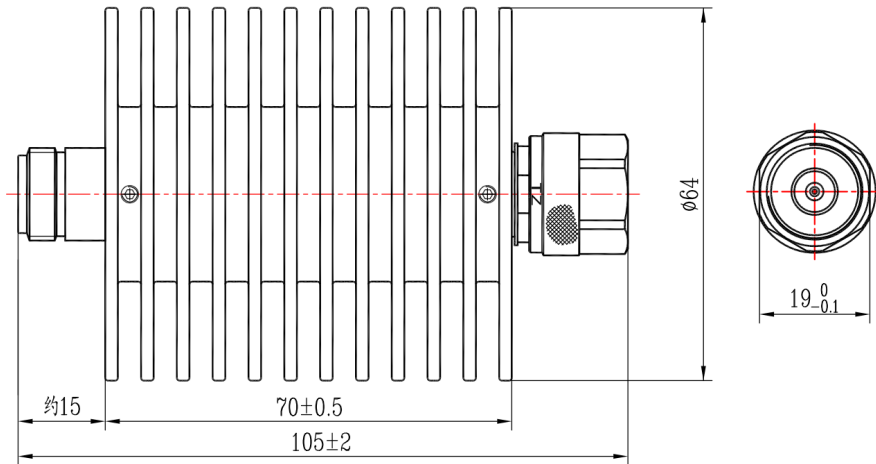


## N Coaxial Fixed Attenuator, R18N50-XX DC-18GHz, 50W, 1-60dB, Bidirectional, Round

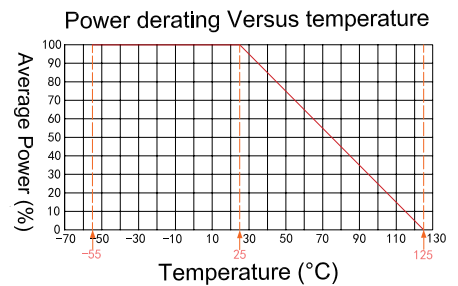
### Dimensions(mm) Tolerance±1%



### Electrical & Environmental

|                         |  |
|-------------------------|--|
| <b>Frequency Range</b>  | DC-18GHz , 50Ohms                              |
| <b>VSWR</b>             | 1.45 Max                                       |
| <b>Input Avg Power</b>  | 50W @25°C                                      |
| <b>Peak Power</b>       | 800W (5μsec pulse width, 3% duty cycle)        |
| <b>Temp Coefficient</b> | <0.0004 dB/dB/°C                               |
| <b>Direction</b>        | Bidirectional, N male input to N female output |
| <b>Attenuation</b>      | 1-60dB   |
| <b>Operating Temp</b>   | -55°C~+125°C                                   |

**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 5W at 100°C.



### Mechanical & Product Information

|                       |   |
|-----------------------|---|
| <b>Product Number</b> | R18N50-XX                                       |
| <b>Product Type</b>   | Coaxial Fixed Attenuator, P-Grade               |
| <b>Connector</b>      | N male, N 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 355.0g                                    |

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