

YSRT50-26.5-S

Coaxial RF Termination,DC-26.5 GHz,50 W,SMA Connector,50 Ohm

Key Features

- 50 W avg. power @ 25°C
- DC to 26.5 GHz frequency range
- VSWR ≤1.30
- SMA female or male connector options

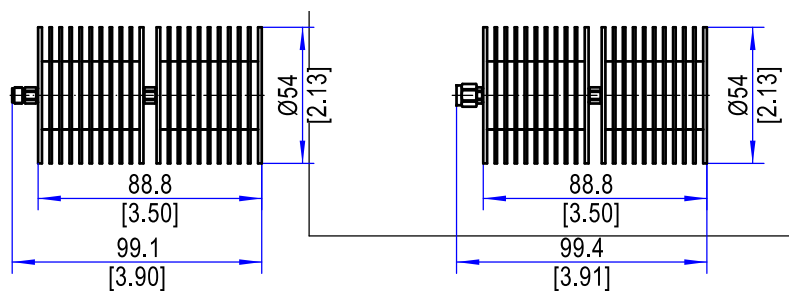
Applications

- Test & measurement systems
- Microwave & RF laboratory setups
- High-frequency communication systems
- Radar and aerospace electronics
- Component characterization and calibration

| Electrical Specifications | | |
|------------------------------|----------------------------|---|
| 1 | Nominal Impedance | 50 Ω |
| 2 | Average Power ¹ | 50 W @ 25°C |
| 3 | Peak Power | 200 W (pulse width: 5μs,duty cycle: 10%) |
| 4 | Frequency Range | DC-26.5 GHz |
| 5 | VSWR | ≤1.30 |
| Environmental Specifications | | |
| 1 | Operating Temperature | -55°C to +125°C |
| Mechanical Specifications | | |
| 1 | Connectors | SMA Female / Male |
| 2 | Body Material | Connector: Passivated Stainless Steel Heat Sink: Black Anodized Aluminum |
| 3 | Insulation | PEI |
| 4 | Inner Conductor | Gold plated brass/beryllium brass |

Note 1: Power derates linearly to 5 W at +125°C.

Outline Drawing (Units: mm/[inch], Tolerance: ±0.5 mm)



Outline A

Outline B

Ordering Information:

| Model | Connector Type | Outline Drawing |
|----------------|----------------------|-----------------|
| YSRT50-26.5-S | SMA Female (default) | Outline A |
| YSRT50-26.5-SM | SMA Male | Outline B |