

# YSRT10-18-N

Coaxial RF Termination, DC-18 GHz, 10 W, N-Type Connector, 50 Ohm

## Key Features

- 10 W avg. power @ 25°C
- DC to 18 GHz frequency range
- VSWR ≤1.30
- N-Type female or male connector options

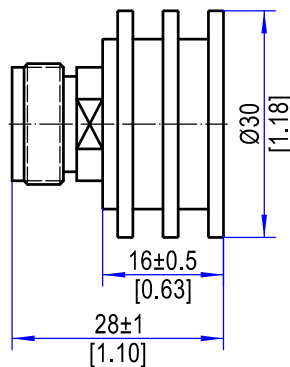
## Applications

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

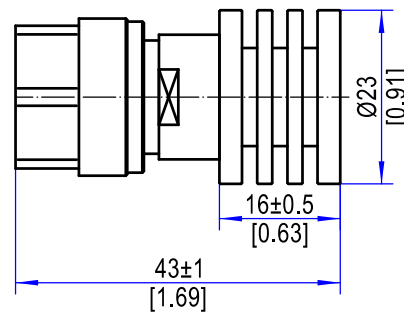
Electrical Specifications					
1	Nominal Impedance	50 Ω			
2	Average Power <sup>1</sup>	10 W @ 25°C			
3	Frequency Range	DC-4 GHz	DC-8 GHz	DC-12.4 GHz	DC-18 GHz
4	VSWR	≤1.15	≤1.20	≤1.25	≤1.30
Environmental Specifications					
1	Operating Temperature	-55°C to +125°C			
Mechanical Specifications					
1	Connectors	N-Type Female / Male			
2	Body Material	Connector: Copper-Based Ternary Alloy Plating Heat Sink: Black Anodized Aluminum			

Note 1: Refer to the power derating curve for details.

## Outline Drawing (Units: mm/[inch], Tolerance: ±0.3 mm)



Outline A



Outline B

## Ordering Information:

Model	Connector Type	Outline Drawing
YSRT10-18-N	N-Type Female (default)	Outline A
YSRT10-18-NM	N-Type Male	Outline B

Model: **YSRT10-XX-N**

XX = Frequency Range (4 GHz, 8 GHz, 12.4 GHz, 18 GHz )

Example: 8 GHz→**YSRT10-8-N**