

# YSRT2-18-N

Coaxial RF Termination, DC-18 GHz, 2 W, N-Type Connector, 50 Ohm

## Key Features

- 2 W avg. power
- DC to 18 GHz frequency coverage
- VSWR from  $\leq 1.15$  to  $\leq 1.30$  across bands
- N-Type female or male options

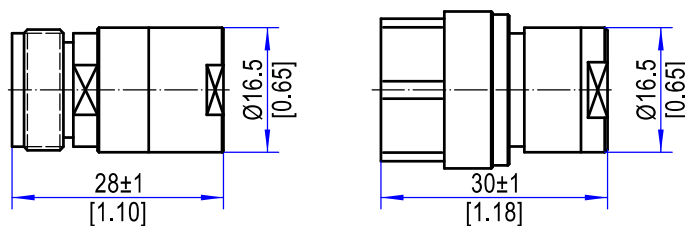
## Applications

- Test & measurement instruments
- Microwave systems & components
- Signal source termination
- Radar and aerospace electronics
- General purpose 50Ω termination

Electrical Specifications					
1	Nominal Impedance	50 Ω			
2	Average Power <sup>1</sup>	2 W @ 25°C			
3	Peak Power	200 W (pulse width: 5 μs, duty cycle: 0.5%)			
4	Frequency Range	DC-4 GHz	DC-8 GHz	DC-12.4 GHz	DC-18 GHz
5	VSWR	$\leq 1.15$	$\leq 1.20$	$\leq 1.25$	$\leq 1.30$
Environmental Specifications					
1	Operating Temperature	-55°C to +125°C			
Mechanical Specifications					
1	Connectors	N-Type Female / Male			
2	Material	Copper-Based Ternary Alloy Plating			

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

## Outline Drawing (Units: mm/[inch], Tolerance: $\pm 0.3$ mm)



Outline A

Outline B

## Ordering Information:

Model	Connector Type	Outline Drawing
YSRT2-18-N	N-Type Female (default)	Outline A
YSRT2-18-NM	N-Type Male	Outline B

Model: **YSRT2-XX-N**

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

Example: 8 GHz → **YSRT2-8-N**