

# FSCT100-18-N

Coaxial Termination, DC-18GHz, 100W, N

Electrical Specifications				
1	Nominal Impedance			50 Ω
2	Average Power <sup>1</sup>			100W @ 25°C
3	Peak Power			1KW (5 μs pulse width, 5% duty cycle)
4	Frequency Range	DC~4GHz	DC~8GHz	DC~12.4GHz
5	VSWR	≤1.15	≤1.20	≤1.25

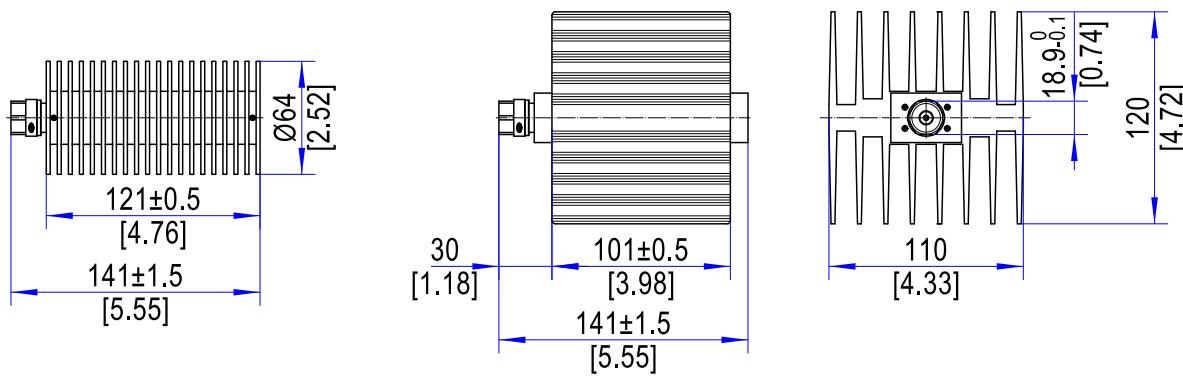
  

Environmental Specifications				
1	Operating Temperature			-55°C~+125°C

Mechanical Specifications				
1	Connectors			N(m)/N(f)
2	Body Material			Connector: Copper-Based Ternary Alloy Plating Heat Sink: Black Anodized Aluminum

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



Outline A

Outline B

## Ordering Information:

Model: **FSCT100-XX-YY-ZZ**

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

YY = Connector Type (N=N-Female, NM= N-Male)

ZZ = Housing Shape (C=Cylinder, corresponds to Outline A; B=Block, corresponds to Outline B)

Example: 8GHz, N-Female, Block→**FSCT100-8-N-B**

## Notes

1. Refer to the power derating curve for details.
2. Both housing shapes are available with either N-Female or N-Male connectors.