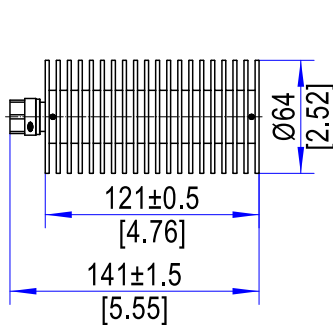


# FSCT100-18-N

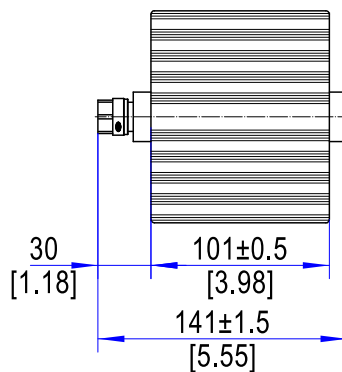
Coaxial Termination, DC-18GHz, 100W, N

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	DC~18GHz
5	VSWR	≤1.15	≤1.20	≤1.25	≤1.35
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			

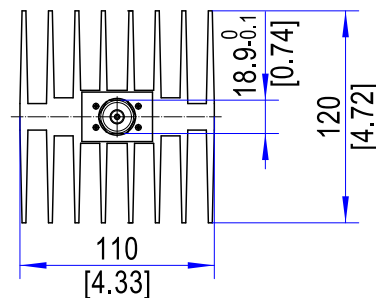
## Outline Drawing (Units: mm/[inch], Tolerance: $\pm 0.3$ mm)



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.