

# FCT18K15

## DC~18GHz, 150W

Features:  
 \* Low VSWR  
 \* Broadband

Applications:  
 \* Transmitters  
 \* Antennas  
 \* Laboratory Test  
 \* Impedance Matching

### Electrical

Frequency Range:	DC~18GHz
Average Power*1:	150W@25°C
Impedance:	50Ω
Peak Power:	5KW (5μS pulse width, 1.5% duty cycle) @DC~12.4GHz 1KW (5μS pulse width, 7.5% duty cycle) @18GHz

[1] Derated linearly to 7.5W@120°C.

### VSWR

Frequency (GHz)	VSWR (max.)
DC~4	1.2
DC~8	1.25
DC~12.4	1.35
DC~18	1.45

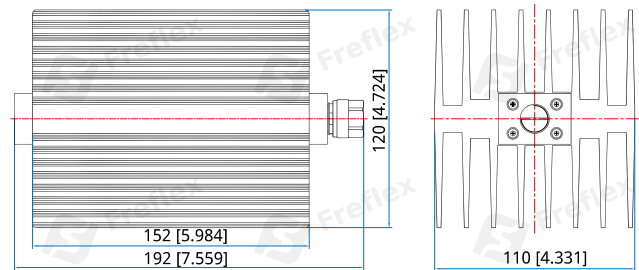
### Mechanical

Size:	192*120*110mm 7.559*4.724*4.331in
Connector:	N

### Environmental

Temperature:	-55~+125°C
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### Outline Drawings



Unit: mm [in]  
 Tolerance: ±2mm [±0.08in]

### How To Order

**FCT18K15-X-Y**

X: Frequency in GHz

Y: Connector type

Connector naming rules:

N - N Male

NF - N Female

Examples:

To order a termination, DC-18GHz, N male, specify FCT18K15-18-N

Customization is available upon request.