

NCT18K3

DC~18GHz, 300W

Features:
 * Low VSWR
 * Broadband

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



Electrical

Frequency Range: DC~18GHz
 Average Power^{*1}: 300W@25°C
 Impedance: 50Ω

[1] Derated linearly to 15W@120°C.

VSWR

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

Mechanical

Size^{*2}: 305*120*110mm
 12.008*4.724*4.331in

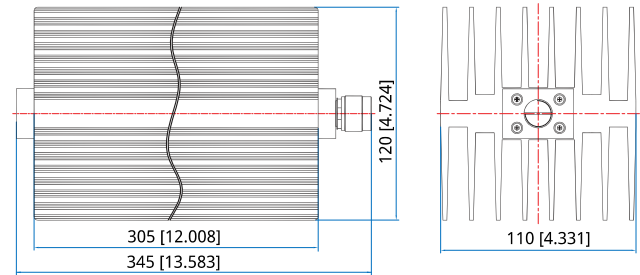
Connector: N

[2] Exclude connectors.

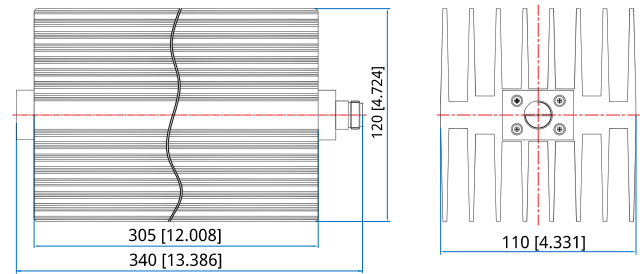
Environmental

Temperature: -55~+125°C

Outline Drawings



Outline A



Outline B

Unit: mm [in]
 Tolerance: ±3mm [±0.12in]

How To Order

NCT18K3-X-Y
 X: Frequency in GHz
 Y: Connector type

Connector naming rules:
 N - N male (Outline A)
 NF - N female (Outline B)

Examples:

To order a termination, DC-12.4GHz, N male,
 specify NCT18K3-12.4-N

Customization is available upon request.