

NCT18K1

DC~18GHz, 100W

Features:
 * Low VSWR
 * Broadband

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



Electrical

Frequency Range: DC~18GHz
 Average Power^{*1}: 100W@25°C
 Impedance: 50Ω

[1] Derated linearly to 5W@120°C.

VSWR

Frequency (GHz)	VSWR (max.)
DC~4	1.15
4~8	1.20
8~12.4	1.25
12.4~18	1.35

Mechanical

Size^{*2}: Φ64*121mm
 Φ2.52*4.764in

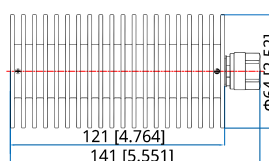
Connector: N, SMA

[2] Exclude connectors.

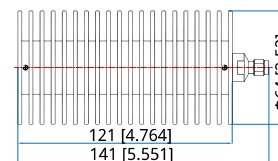
Environmental

Temperature: -55~+125°C

Outline Drawings



Outline A



Outline B

Unit: mm [in]
 Tolerance: ±1.5mm [±0.06in]

How To Order

NCT18K1-X-Y
 X: Frequency in GHz
 Y: Connector type

Connector naming rules:
 N - N male (Outline A)
 S - SMA male (Outline B)

Examples:

To order a termination, DC-4GHz, N male, specify
 NCT18K1-4-N.
 Customization is available upon request.

