

NCT1850

DC~18GHz, 50W

Features:
 * Low VSWR
 * Broadband

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



Electrical

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

[1] Derated linearly to 2.5W@120°C.

VSWR

Frequency (GHz)	VSWR (max.)
DC~4	1.20
4~8	1.25
8~12.4	1.35
12.4~18	1.40

Mechanical

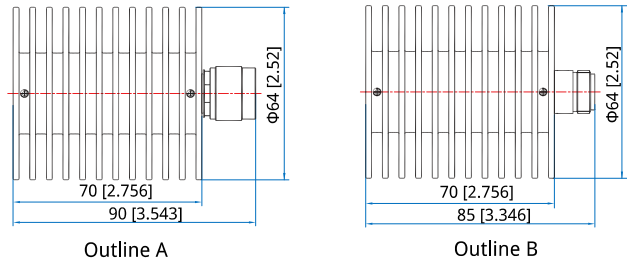
Size^{*2}: Φ64*70mm
 Φ2.52*2.756in
 Connector: N, SMA

[2] Exclude connectors.

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±0.5mm [±0.02in]

How To Order

NCT1850-X-Y
 X: Frequency in GHz
 Y: Connector type

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

Examples:

To order a termination, DC-12.4GHz, N male,
 specify NCT1850-12.4-N.

Customization is available upon request.