

NCT1810

DC~18GHz, 10W

Features:
* Low VSWR
* Broadband

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



Electrical

Frequency Range: DC~18GHz
Average Power*1: 10W@25°C max.
Impedance: 50Ω

[1] Derated linearly to 0.5W@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

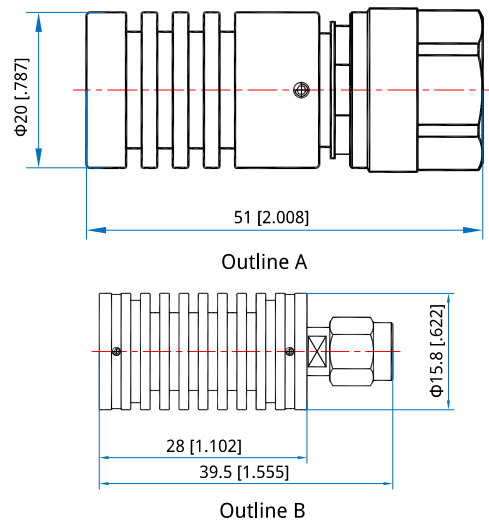
Mechanical

Connectors: N, SMA

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±1.6mm [±0.06in]

How To Order

NCT1810-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

N - N male (Outline A)

NF - N female

S - SMA male (Outline B)

SF - SMA female

Examples:

To order a termination, DC-12.4GHz, N male, specify NCT1810-12.4-N.

Customization is available upon request.