

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

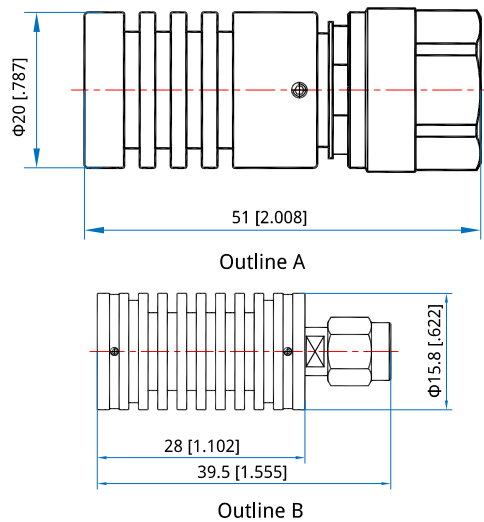
Mechanical

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.