

NCT2605

DC~26.5GHz, 5W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range: DC~26.5GHz
 Average Power^{†1}: 5W@25°C max.
 Impedance: 50Ω
 VSWR: 1.3 max. (SMA)
 1.2 max. (3.5mm)

[1] Derated linearly to 0.25W@120°C.

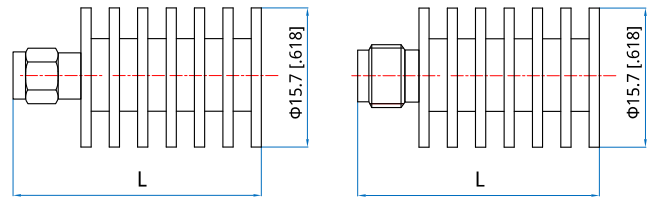
Mechanical

Weight: 10g
 Connectors: SMA, 3.5mm
 Housing: Aluminum
 Outer Conductor: Gold plated brass
 Male Inner Conductor: Gold plated brass
 Female Inner Conductor: Gold plated beryllium copper

Environmental

Temperature: -55~+85°C

Outline Drawings



Outline A

Outline B

Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

L=25.5mm, SMA male, Outline A
 L=24.6mm, SMA female, Outline B
 L=26.3mm, 3.5mm male, Outline A
 L=25.5mm, 3.5mm female, Outline B

How To Order

NCT2605-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

- S - SMA male
- SF - SMA female
- 3 - 3.5mm male
- 3F - 3.5mm female

Examples:

To order a termination, DC-26.5GHz, 3.5mm male, specify NCT2605-26.5-3.

Customization is available upon request.