

NCT2610

DC~26.5GHz, 10W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range: DC~26.5GHz
 Average Power^{*1}: 10W@25°C max.
 Impedance: 50Ω
 VSWR: 1.30 max. (SMA)
 1.25 max. (3.5mm)

[1] Derated linearly to 0.5W@120°C.

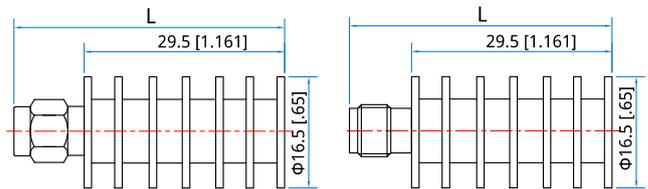
Mechanical

Weight: 15g
 Connectors: SMA, 3.5mm
 Housing: Aluminum
 Outer Conductor: Gold plated brass or stainless steel
 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: ±0.5mm [±0.02in]

L=39.5mm, SMA male, Outline A
 L=41mm, SMA female, Outline B
 L=38.7mm, 3.5mm male, Outline A
 L=40.2mm, 3.5mm female, Outline B

How To Order

NCT2610-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, SMA Male, specify NCT2610-26.5-S.

Customization is available upon request.