

### NCT2610

DC~26.5GHz, 10W

Features:  
 \* Low VSWR  
 \* Broadband

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

#### Electrical

Frequency Range: DC~26.5GHz  
 Average Power<sup>\*1</sup>: 10W@25°C max.  
 Impedance: 50Ω  
 VSWR: 1.30 max. (SMA)  
 1.25 max. (3.5mm)

[1] Derated linearly to 0.5W@120°C.

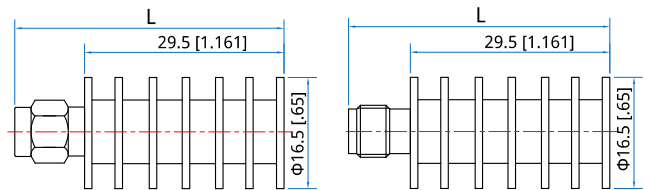
#### Mechanical

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.