

# QCT2650

## DC~26.5GHz, 50W

Features:  
 \* Low VSWR  
 \* Broadband

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

### Electrical

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

[1] Derated linearly to 2.5W@120°C.

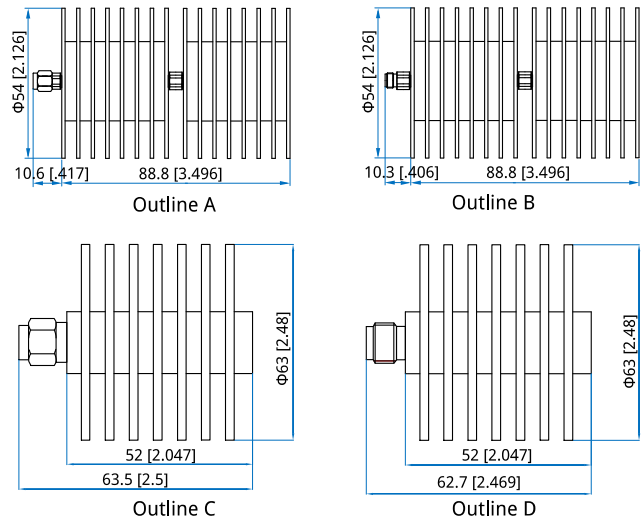
### Mechanical

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



Unit: mm [in]  
 Tolerance:  $\pm 0.5$ mm [ $\pm 0.02$ in]

### How To Order

**QCT2650-X-Y**

X: Frequency in GHz

Y: Connector type

Connector naming rules:

S - SMA male (Outline A)

SF - SMA female (Outline B)

3 - 3.5mm male (Outline C)

3F - 3.5mm female (Outline D)

Examples:

To order a termination, DC~26.5GHz, SMA male, specify QCT2650-26.5-S.

Customization is available upon request.