

## QCT1810

### DC~18GHz, 10W

Features:  
 \* Low VSWR  
 \* Broadband

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



#### Electrical

Frequency Range: DC~18GHz  
 Average Power<sup>\*1</sup>: 10W@25°C max.  
 Impedance: 50Ω

[1] Derated linearly to 0.5W@120°C.

#### VSWR

Frequency (GHz)	VSWR (max.)
DC~4	1.20
DC~8	1.25
DC~12.4	1.35
DC~18	1.40

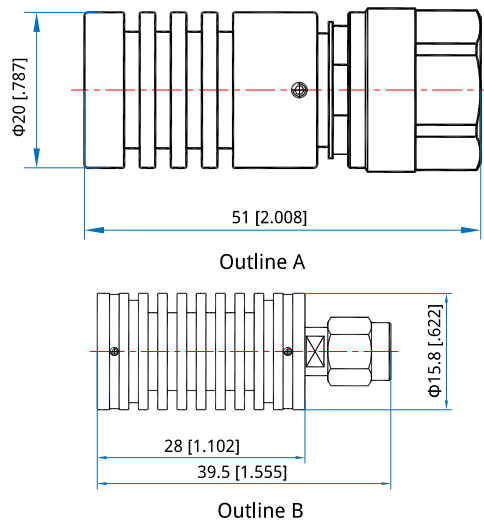
#### Mechanical

Connectors: N, SMA

#### Environmental

Temperature: -55~+125°C

#### Outline Drawings



Unit: mm [in]  
 Tolerance: ±1.6mm [±0.06in]

#### How To Order

**QCT1810-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 QCT1810-12.4-N.

Customization is available upon request.