QCT1810

DC~18GHz, 10W

Features:
* Low VSWR
* Broadband

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

Electrical

Frequency Range:	DC~18GHz
Average Power[*1、2]:	10W@25°C max.
Impedance:	50Ω
Peak Power:	500W (5μS pulse width, 1% duty cycle) @SMA 1KW (5μS pulse width, 0.5% duty cycle) @N

[1] Derated linearly to 0.5W@120°C.
[2] Derated linearly to 0.1W@125°C.(SMP)

VSWR

Frequency (GHz)	NF, SMA	SMP	N, TNC
DC~4	1.20	1.20	1.15
DC~8	1.25	1.25	1.25
DC~12.4	1.35	1.35	1.35
DC~18	1.40	1.50	1.40

Mechanical

Connectors:	N, SMA, SMP, TNC

Environmental

Temperature:	-55~+125℃

How To Order

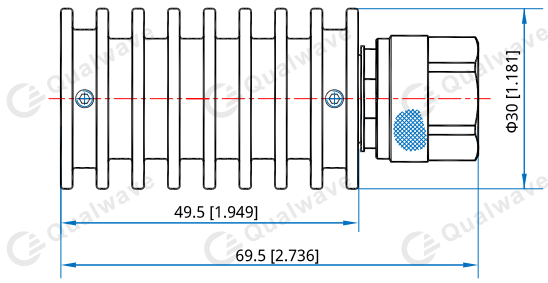
QCT1810-X-Y

X: Frequency in GHz
Y: Connector type

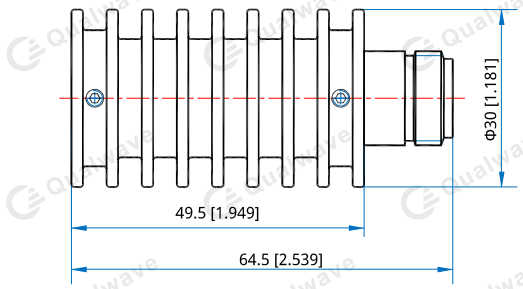
Connector naming rules:
N - N male (Outline A)
NF - N female (Outline B)
S - SMA male (Outline C)
SF - SMA female
P - SMP male (Outline D)
PF - SMP female
T - TNC male (Outline E)
TF - TNC female

Examples:
To order a termination, DC-12.4GHz, N male, specify QCT1810-12.4-N.
Customization is available upon request.

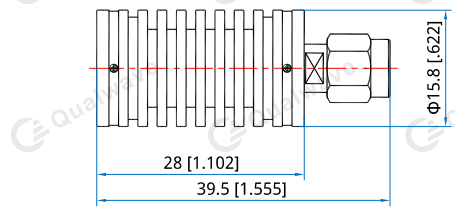
Outline Drawings



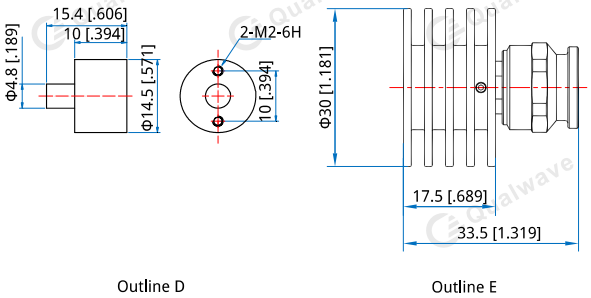
Outline A



Outline B



Outline C



Outline D　　Outline E

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