

QCT1825

DC~18GHz, 25W

Features:
 * Low VSWR
 * Broadband

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



Electrical

Frequency Range: DC~18GHz
 Average Power^{*1}: 25W@25°C max.
 Impedance: 50Ω

[1] Derated linearly to 1.25W@120°C.

Peak Power

Peak Power (W)	Pulse Width (μs)	Duty Cycle (%)	Applicable Scope
500	5	2.5	@SMA, DC~18GHz
5000		1.25	@N, TNC, DC~12.4GHz
1000		1.25	@N, TNC, 18GHz

VSWR

Frequency (GHz)	VSWR (max.)(N, TNC)	VSWR (max.)(SMA)
DC~4	1.20	1.15
DC~8	1.25	1.20
DC~12.4	1.35	1.25
DC~18	1.40	1.30

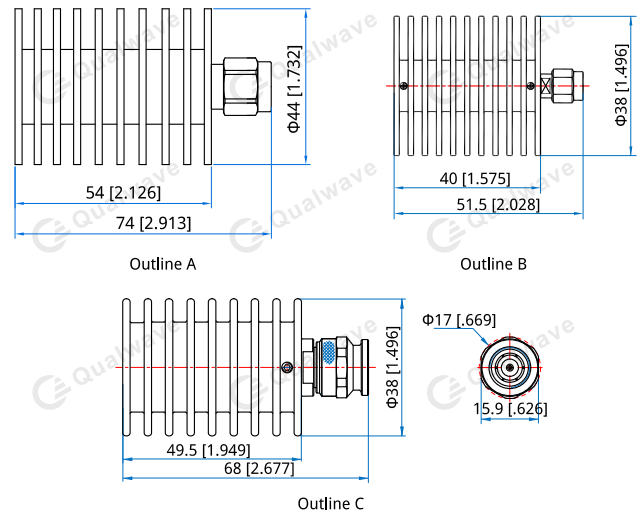
Mechanical

Connectors: N, SMA, TNC

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]

Tolerance: ±1.5mm [±0.06in]

How To Order

QCT1825-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

T - TNC male (Outline C)

TF - TNC female

Examples:

To order a termination, DC~18GHz, SMA male, specify QCT1825-18-S.

Customization is available upon request.