

QCT1830

DC~12.4GHz, 30W

Features:
 * Low VSWR
 * Broadband

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



Electrical

Frequency Range: DC~12.4GHz
 Average Power^{*1}: 30W@25°C
 VSWR: 1.25 max.
 Impedance: 50Ω

[1] Derated linearly to 1.5W@120°C.

Peak Power

Peak Power (W)	Pulse Width (μS)	Duty Cycle (%)	Applicable Scope
500	5	3	@SMA, DC~12.4GHz
5000		0.3	@N, DC~12.4GHz

Mechanical

Connector: SMA, N

Environmental

Temperature: -55~+125°C

How To Order

QCT1830-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)

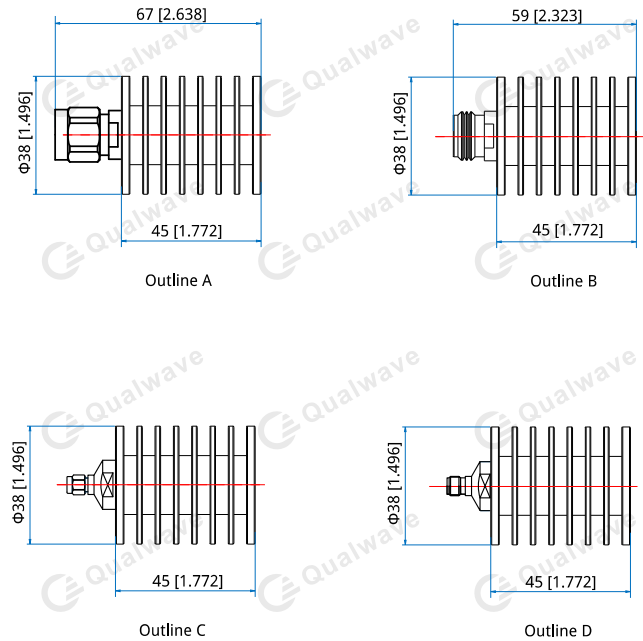
SF - SMA female (Outline D)

Examples:

To order a termination, DC~12.4GHz, SMA male, specify QCT1830-12.4-S.

Customization is available upon request.

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]

Typical Performance Curves

N (DC~12.4GHz)

