

QCT18K6

DC~18GHz, 600W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range:	DC~18GHz
Average Power ^{*1} :	600W@25°C
Impedance:	50Ω
Peak Power:	5KW (5μS pulse width, 6% duty cycle) @DC~12.4GHz 1KW (5μS pulse width, 30% duty cycle) @18GHz

[1] Derated linearly to 30W@120°C.

VSWR

Frequency (GHz)	VSWR (max.)
DC~4	1.2
DC~8	1.25
DC~12.4	1.35
DC~18	1.45

Mechanical

Size^{*2}: 509*120*110mm
 20.039*4.724*4.331in

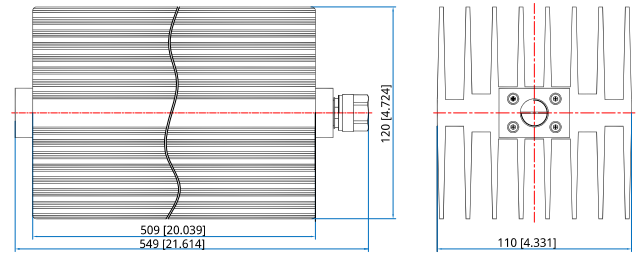
Connector: N

[2] Exclude connectors.

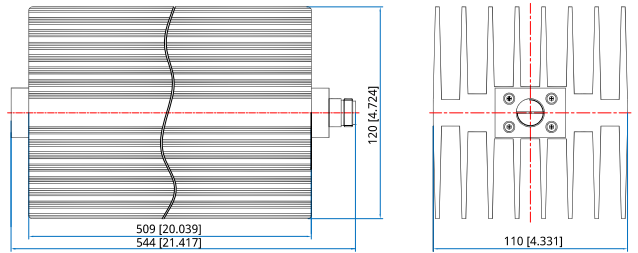
Environmental

Temperature: -55~+125°C

Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±1mm [±0.04in]

How To Order

QCT18K6-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

N - N male (Outline A)

NF - N female (Outline B)

Examples:

To order a termination, DC-12.4GHz, N male, specify QCT18K6-12.4-N

Customization is available upon request.