

QCT18K15

DC~18GHz, 150W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range: DC~18GHz
 Average Power*1: 150W@25°C
 Impedance: 50Ω
 Peak Power: 5KW (5μS pulse width, 1.5% duty cycle) @DC~12.4GHz
 1KW (5μS pulse width, 7.5% duty cycle) @18GHz

[1] Derated linearly to 7.5W@120°C.

VSWR

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

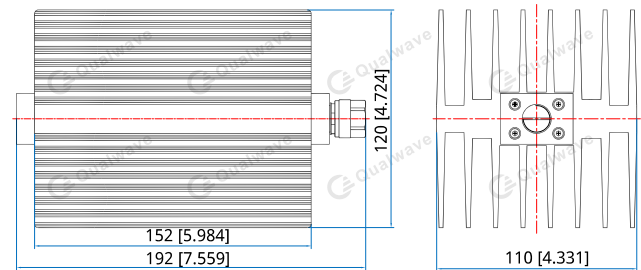
Mechanical

Size: 192*120*110mm
 7.559*4.724*4.331in
 Connector: N

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±2mm [±0.08in]

How To Order

QCT18K15-X-Y

X: Frequency in GHz
 Y: Connector type

Connector naming rules:

N - N Male
 NF - N Female

Examples:

To order a termination, DC-18GHz, N male, specify QCT18K15-18-N

Customization is available upon request.