

QCT081K

DC~8GHz, 1000W

Features:
 * Low VSWR
 * Broadband

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

Electrical

Frequency Range: DC~8GHz
 Average Power[†]: 1000W@25°C
 Impedance: 50Ω
 Peak Power: 5KW (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 100W@125°C.

VSWR

Frequency (GHz)	VSWR (max.)
DC~2	1.2
DC~4	1.2
DC~6	1.3
DC~8	1.55

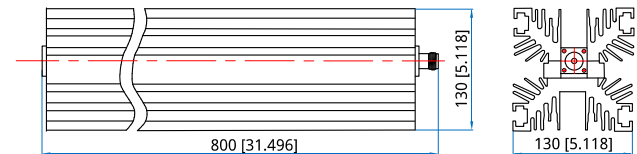
Mechanical

Connector: N

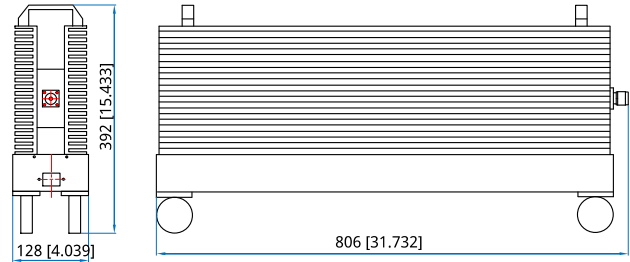
Environmental

Temperature: -55~+125°C

Outline Drawings



Outline A



Outline B

Unit: mm [in]
 Tolerance: ±1mm [±0.04in]

How To Order

QCT081K-X-Y-A(B)

X: Frequency in GHz

Y: Connector type

QCT081K-A - Outline A

QCT081K-B - Outline B

Connector naming rules:

N - N male

NF - N female

Examples:

To order a termination, DC-8GHz, N male, specify QCT081K-8-N

Customization is available upon request.