

## QCT081K

### DC~8GHz, 1000W

Features:  
 \* Low VSWR  
 \* Broadband

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

#### Electrical

Frequency Range: DC~8GHz  
 Average Power\*1: 1000W@25°C  
 Impedance: 50Ω

[1] Derated linearly to 50W@120°C.

#### VSWR

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

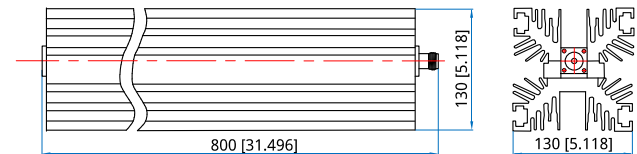
#### Mechanical

Connector: N

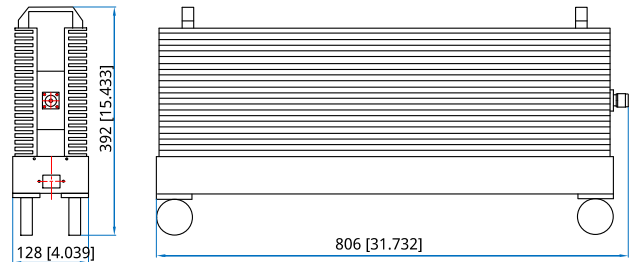
#### Environmental

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.