

## QCT081K

### DC~8GHz, 1000W

Features:  
 \* Low VSWR  
 \* Broadband

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

#### Electrical

Frequency Range:	DC~8GHz
Average Power <sup>*1</sup> :	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

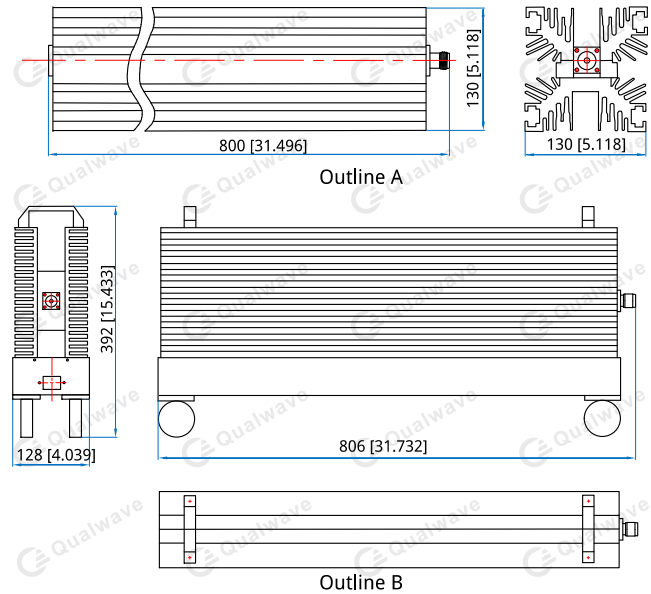
#### Mechanical

Connector: N

#### Environmental

Temperature: -55~+125°C

#### Outline Drawings



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.