

# QCT042K

## DC~4GHz, 2000W

Features:  
 \* Low VSWR  
 \* Broadband

Applications:  
 \* Wireless  
 \* Transmitter  
 \* Laboratory Test  
 \* Radar

### Electrical

Frequency Range:	DC~4GHz
Average Power <sup>*1</sup> :	2000W@25°C
VSWR:	1.75max.
Impedance:	50Ω
Peak Power:	10KW (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 200W@125°C.

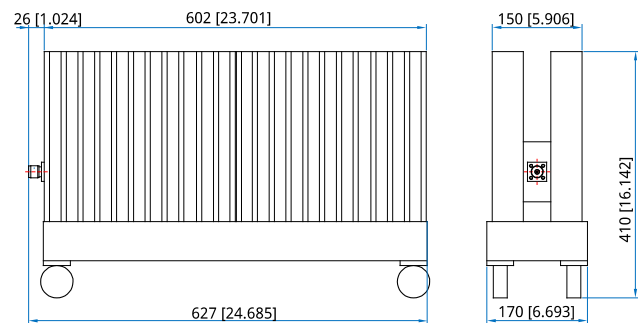
### Mechanical

Size:	627*170*410mm 24.685*6.693*16.142in
Weight:	34Kg
RF Connectors:	N, 7/16 DIN
Housing:	Aluminum
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

### Environmental

Temperature:	-55~+125°C
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### Outline Drawings



Unit: mm [in]  
 Tolerance: ±3%

### How To Order

**QCT042K-X-Y**

X: Frequency in GHz

Y: Connector type

Connector naming rules:

NF - N Female

N - N Male

7F - 7/16 DIN Female

7 - 7/16 DIN Male

Examples:

To order an termination, DC-4GHz, N female, specify QCT042K-4-NF.