

QCT041K5

DC~4GHz, 1500W

Features:
* Low VSWR
* Broadband

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

Electrical

Frequency Range:	DC~4GHz
Average Power* ¹ :	1500W
Impedance:	50Ω
Peak Power:	10KW (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 150W@125°C.

VSWR

Frequency (GHz)	VSWR (max.)
DC~1	1.2
DC~2	1.2
DC~3	1.4
DC~4	1.8

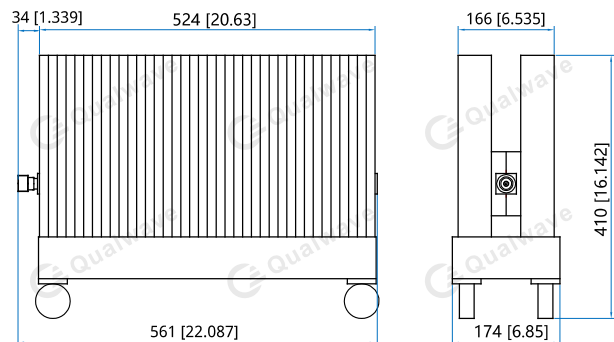
Mechanical

Size:	561*174*410mm 22.087*6.85*16.142in
Weight	26.5Kg
Connector:	N, 7/16 DIN
Hosing:	Aluminum
Outer Conductor:	Nickel plated brass
Male Inner Conductor:	Silver plated brass
Female Inner Conductor:	Silver plated phosphor bronze
Cooling:	Air cooling

Environmental

Temperature:	-40~+45°C
--------------	-----------

Outline Drawings



Unit: mm [in]

Tolerance: ±3%

How To Order

QCT041K5-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 a termination, DC~4GHz, 7/16 DIN female, specify QCT041K5-4-7F.

Customization is available upon request.