

QCT04K8

DC~4GHz, 800W

Features:
 * Low VSWR
 * Broadband

Applications:
 * Wireless
 * Transmitter
 * Laboratory Test
 * Radar

Electrical

Frequency Range: DC~4GHz
 Average Power*1: 800W
 Impedance: 50Ω
 Peak Power: 10KW (5μS pulse width, 8% duty cycle)

[1] Derated linearly to 100W@125°C.

VSWR

Frequency (GHz)	VSWR (max.)
DC~1	1.2
DC~2	1.3
DC~3	1.35
DC~4	1.5

Mechanical

Size: 485*142*260mm
 19.094*5.551*10.236in
 Weight: 17.5Kg
 Housing: Aluminum
 Outer Conductor: Nickel plated brass
 Male Inner Conductor: Gold plated brass
 Female Inner Conductor: Gold plated beryllium copper
 Coating: Gray paint
 Cooling: Air cooling

How To Order

QCT04K8-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:

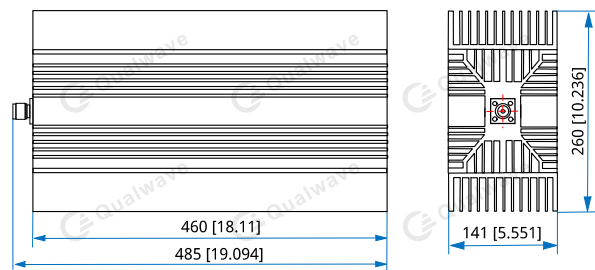
To order an termination, DC~4GHz, 7/16 DIN female, specify QCT04K8-4-7F.

Customization is available upon request.

Environmental

Temperature: -55~+125°C

Outline Drawings



Unit: mm [in]
 Tolerance: ±3%