

# QCT26K1

## DC~26.5GHz, 100W

Features:  
 \* Low VSWR  
 \* Broadband

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

### Electrical

Frequency Range:	DC~26.5GHz
Average Power <sup>*1</sup> :	100W@25°C max.
Impedance:	50Ω
VSWR:	1.40 max.
Peak Power:	500W (5μS pulse width, 10% duty cycle)

[1] Derated linearly to 5W@125°C.

### Mechanical

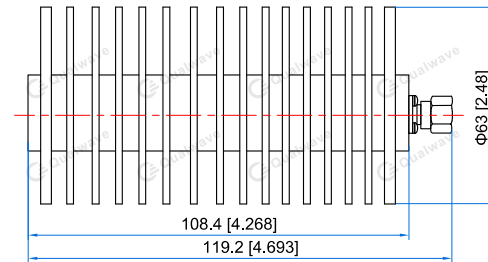
Size <sup>*2</sup> :	Φ63*108.4mm
	Φ2.48*4.268in
Weight:	400g
Connectors:	SMA
Housing:	Aluminum
Outer Conductor:	Gold plated brass
Male Inner Conductor:	Gold plated brass
Female Inner Conductor:	Gold plated beryllium copper

[2] Exclude connectors.

### Environmental

Temperature:	-55~+85°C
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### Outline Drawings



Unit: mm [in]  
 Tolerance: ±0.5mm [±0.02in]

### How To Order

#### QCT26K1-X-Y

X: Frequency in GHz

Y: Connector type

Connector naming rules:

S - SMA male

SF - SMA female

Examples:

To order a termination, DC-26.5GHz, SMA male, specify QCT26K1-26.5-S.

Customization is available upon request.