

## QBMTK1 100W

Features:  
\* Low VSWR  
\* Broadband

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

### Electrical

Frequency Range:	30~500MHz, 500~800MHz, 800~2200MHz
Average Power*1:	100W@25°C
VSWR:	1~6 (±7%)
Peak Power:	5KW (5μS pulse width, 2% duty cycle)

[1] Derated linearly to 10W@125°C.

### Mechanical

Connector:	N, SMA, 7/16
Weight:	1.45Kg
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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### How To Order

[QBMTK1-30-500-Y-Z-V](#)

[QBMTK1-500-800-Y-Z-V](#)

[QBMTK1-800-2200-Y-Z-V](#)

Y: VSWR (1~6)

Z: Connector type

V: Outline Drawings

Connector type naming rules:

N - N male (Outline A, B)

S - SMA male

7 - 7/16 male

Outline Drawings naming rules:

A - 153\*76\*76mm (Outline A)

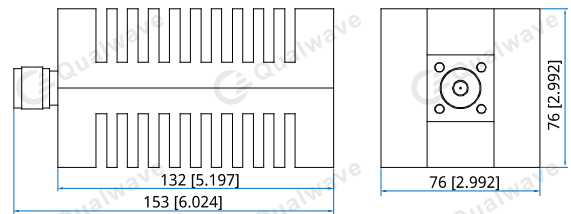
B - 155\*130\*75mm (Outline B)

Examples:

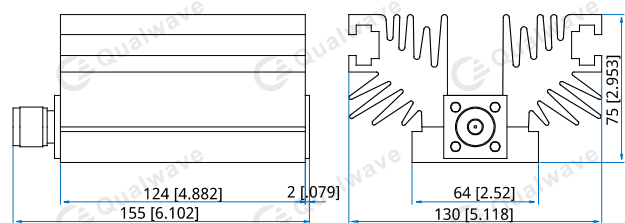
To order a termination, 30~500MHz,VSWR 1.5, N male, 153\*76\*76mm, specify QBMTK1-30-500-1.5-N-A.

Customization is available upon request.

### Outline Drawings



Outline A



Outline B

Unit: mm [in]

Tolerance: ±3%