

## FNMTK1 100W

Features:  
\* Low VSWR  
\* Broadband

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

### Electrical

Frequency Range:	F0±5% (F0: 5GHz max.)
Average Power <sup>*1</sup> :	100W@25°C
VSWR:	1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5
Peak Power:	5KW (5μS pulse width, 2% duty cycle)

[1] Derated linearly to 10W@125°C.

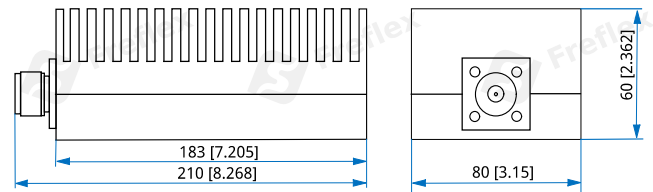
### Mechanical

Connector:	N, SMA, BNC, TNC
Weight:	1.8Kg
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: ±5%

### How To Order

#### FNMTK1-W-X-Y-Z

W: Start Frequency in MHz  
X: Stop Frequency in MHz  
Y: VSWR  
Z: Connector type

Connector type naming rules:

- N - N male (Outline A)
- S - SMA male
- B - BNC male
- T - TNC male

Examples:

To order a termination, 3.3~3.5GHz, VSWR 3, N male, specify FNMTK1-3300-3500-3-N.

Customization is available upon request.