

## FNMT50 50W

Features:  
\* Low VSWR  
\* Broadband

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

### Electrical

Frequency Range: F0±5% (F0: 5GHz max.)  
Average Power<sup>\*1</sup>: 50W@25°C  
VSWR: 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5  
Peak Power: 10KW (5μS pulse width, 0.5% duty cycle)

[1] Derated linearly to 5W@125°C.

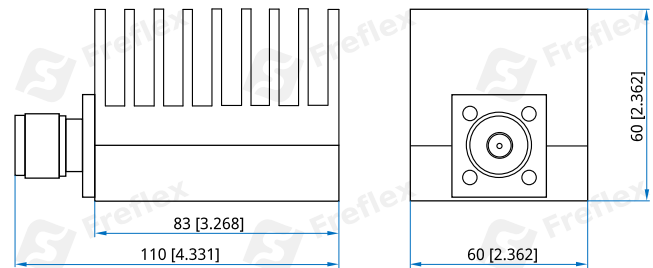
### Mechanical

Connector: N, SMA, BNC, TNC  
Weight: 500g  
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

### Outline Drawings



Unit: mm [in]  
Tolerance: ±5%

### How To Order

#### FNMT50-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 FNMT50-3300-3500-3-N.

Customization is available upon request.