

World's Leading Manufacturer of Fibreglass Whip Antennas

VMT-7117 Single Broad Band Matching Transformer for up to 5KW HF Transmitters

TYPICAL APPLICATIONS
Impedance matching
between antenna and
transmitter



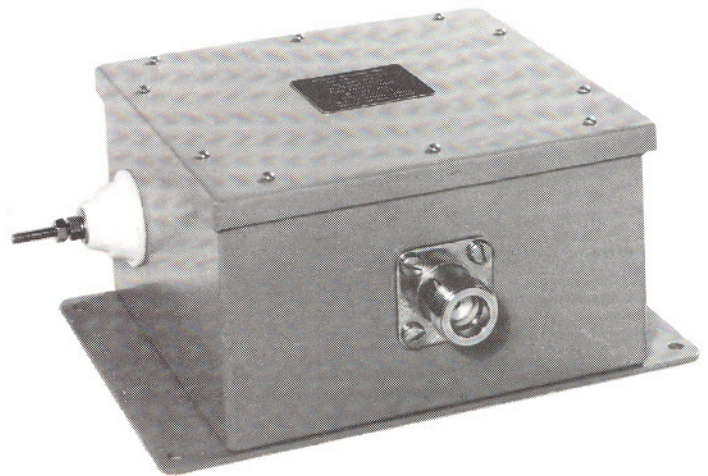
FEATURES

- 5KW power capacity (average)
- Optimized for minimum VSWR
- Off-the-shelf availability

Valcom has been designing and producing antenna matching transformers for many years. New custom matching transformer designs are completed by Valcom's Engineering Department every year. The VMT-7117, one of Valcom's standard, off-the-shelf series matching transformers, provides the correct impedance match between a 600 Ohm antenna and a 50 Ohm transmitter.

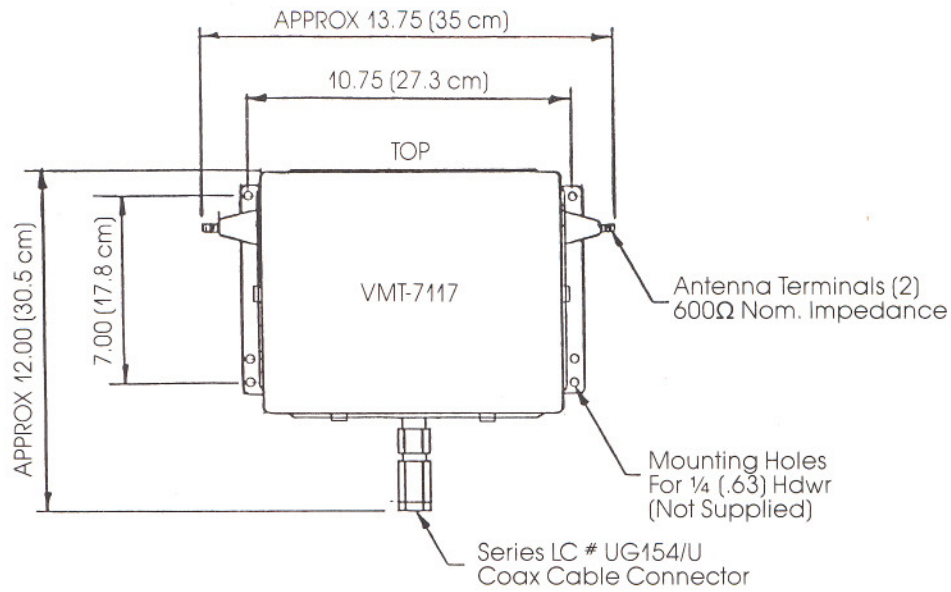
The VMT-7117 is a matching transformer for high power (up to 5KW average power) transmitter to antenna matching.

The frequency or frequency band of operation of the VMT-7117 must be specified so the transformer design can be optimized for minimum VSWR for the specified operating frequency or frequency band.



QUICK REFERENCE DATA

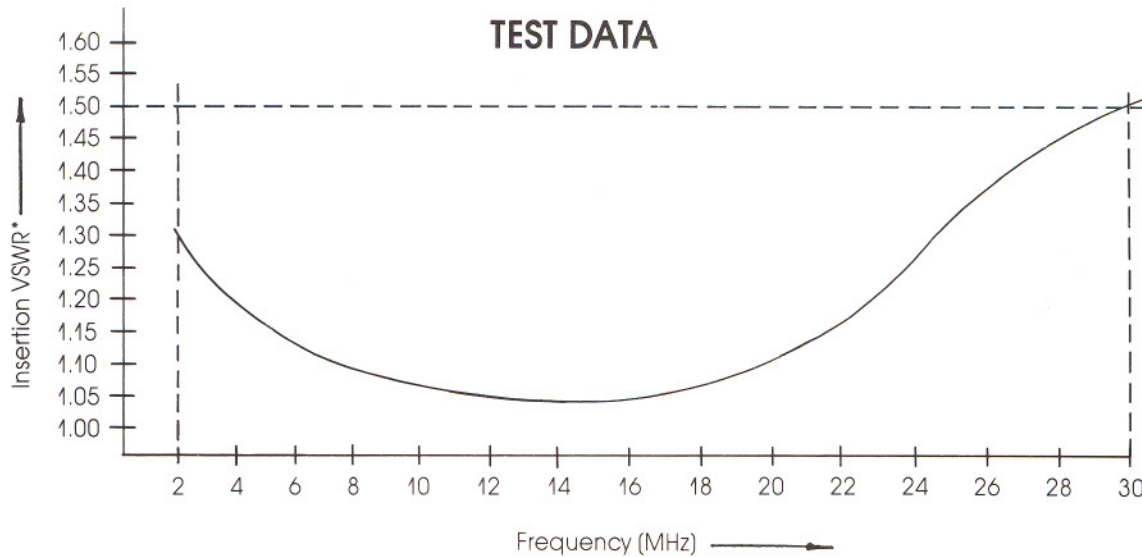
INSTALLATION



ELECTRICAL SPECIFICATIONS

Frequency Range	2-30 MHz
Average Power Rating	5 KW
Insertion Loss for VSWR=1:1	<0.15 dB @ 2 MHz <0.40 dB @ 30 MHz
Insertion VSWR	<1.5 from 2 - 30 MHz
Input Impedance	50 ohms unbalanced
Output Impedance	600 ohms balanced

TEST DATA



Specifications subject to change without notice