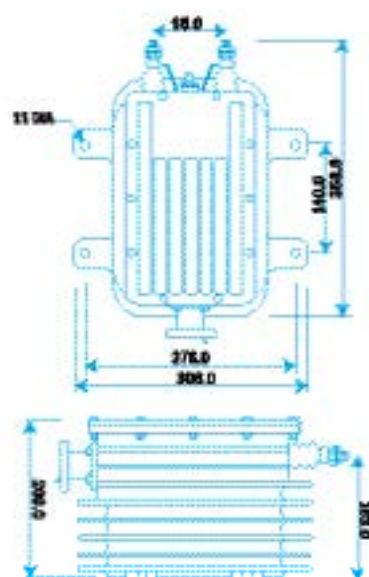


HF50 Series – 5kW HF Wide Band Antenna Matching Transformer

The HF50 5kW series are solid encapsulated and suitable for installation in any orientation.

The transformers are housed in a heavy duty cast aluminium case, vacuum impregnated with epoxy resin and fully hermetically sealed for any military or commercial environment.

- Wide band 1.5 to 32 MHz
- 5 kW average, 20kW Peak
- All weather solid encapsulated
- Heavy duty cast aluminium case



Spec	Information
Frequency	1.5 - 32 MHz
Power	5 kW average, 20 kW peak
Insertion loss	Less than 0.3 dB
VSWR	Less than 1.2:1 (2 - 30 MHz), Less than 1.3:1 (1.5 - 32 MHz)
Balance ratio	Greater than 26 dB
Max Load VSWR	2.5:1
Coaxial connectors	7/8"EIA (Others on request)
Balance terminals	PTFE
Temperature range	-40°C to +55°C
Weight	38kg gross
High voltage protection	Arcing horns and internal static drain
Configuration	Cast aluminium case (LM25). Hermetically sealed. Epoxy
Shipping dimensions	490 x 410 x 390 mm approx.

Balanced Impedance (ohm)								
Unbalanced impedance (ohm)	50	75	100	200	300	370	450	600
50	HF50-55	HF50-57	HF50-510	HF50-520	HF50-530	HF50-537	HF50-545	HF50-560
75	HF50-75	HF50-77	HF50-710	HF50-720	HF50-730	HF50-737	HF50-745	HF50-760

