

LWB SERIES - HF Tactical Wideband Dipole



The SMC LWB Series of antennas is a new product based on a proven design. Manufactured with both portability and operational efficiency in mind the antenna and associated grounding kit is packed in a briefcase size carry bag having a total maximum weight of 5kgs for the higher power rated antenna.

Technical Specification

Electrical

Frequency range: 2-30MHz (1.6-60MHz with reduced efficiency)
 Power rating: 20W, 150W and 400W models available
 Polarisation: Horizontal
 VSWR: Less than 2.5:1
 Input impedance: 50 ohm
 Connector: BNC or UHF to order

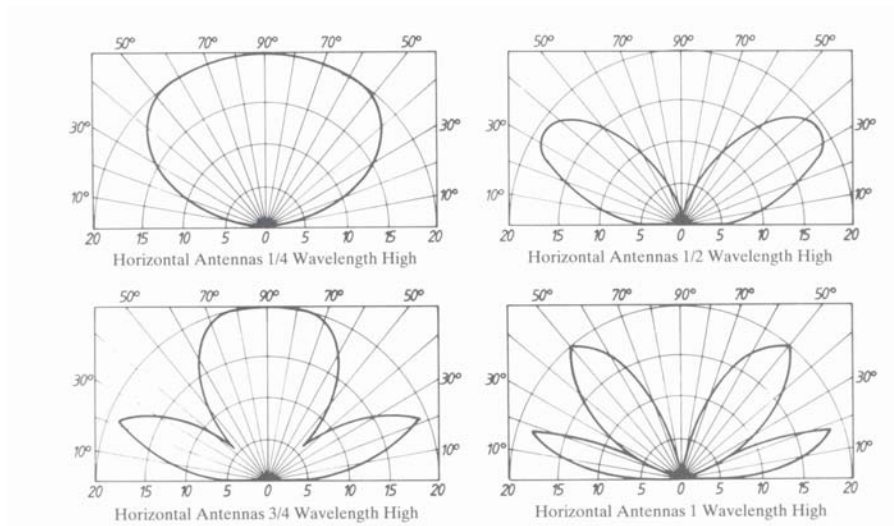
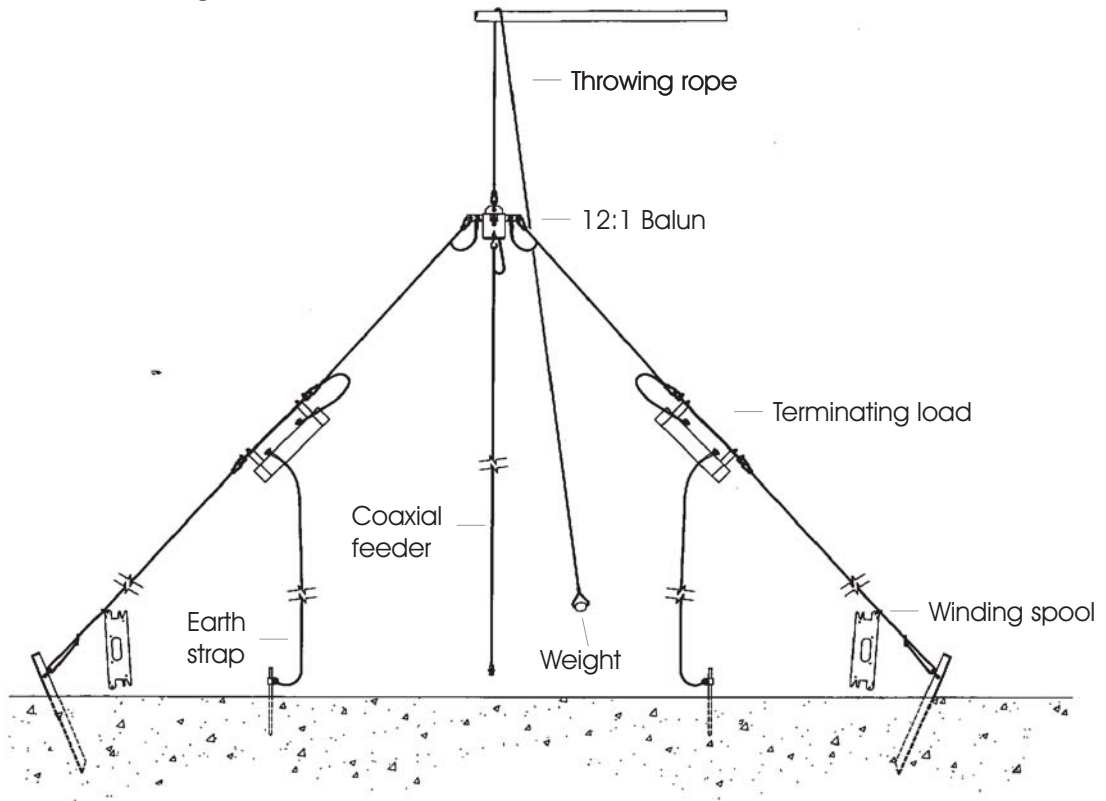
Mechanical

Antenna elements: PVC covered Kevlar braid with plaited copper wire
 Centre junction: 12:1 balun. Can be supplied with spigot for standard NATO mast mounting
 Terminating loads: 600 ohm
 Weight: 3kg (20W), 4.5kg (150W), 5kg (400W)

TECHNICAL SPECIFICATION

LWB SERIES

LWB in an inverted V configuration



Effect of the ground on the deviation plane patterns of a horizontal antenna

SMC reserves the right to change specifications without prior notice



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