

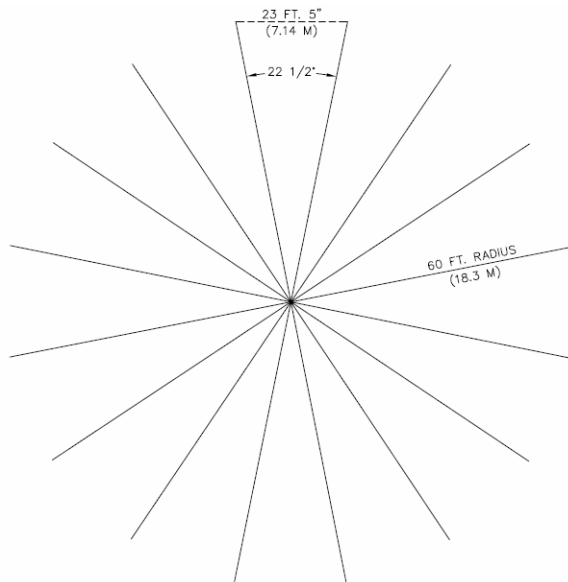
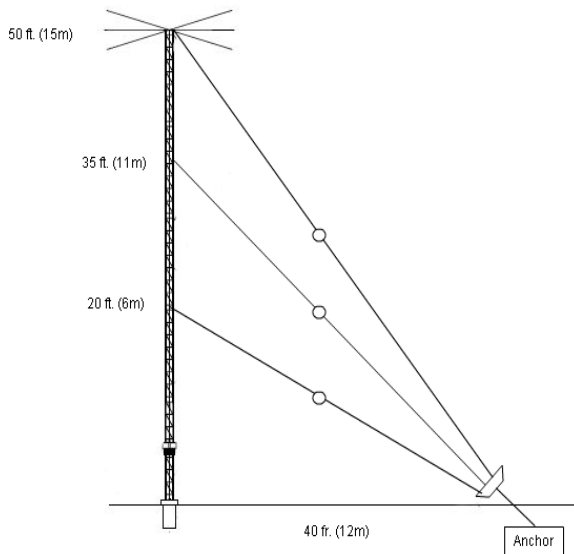


50 ft. Mast Antenna High Wind

Part Number: SLF10003

SPECIFICATION SHEET

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Counterpoise view from above

FEATURE	SPECIFICATION
Resistance	50 Ohms
Max Power Rating	500 Watts PEP
Capacitance	301 pF standard
Frequency of Operation	190 - 625 kHz
Range (125W Transmitter over good ground)	55 nautical miles at 190kHz to 70 nautical miles at 625kHz
Polarization	Vertical
Pattern	Omni-directional
Electrical Length	34 ft. (10m)
Wind Rating	150 mph (241km/hr)
Height	50 ft. (15m)
Finish	Galvanized steel
Temperature Range	-50°C - +70°C
Base Pier Rating	14000 lbf. (62275N)
16 Radial Ground System	1100 ft. (335m) of #10 AWG soft-drawn copper wire, 17 6 ft. (2m) ground rods, ground clamps, associated hardware
Optional Equipment	Installation Kit, Antenna Simulator

Mechanical:

The antenna is made of 5 galvanized steel sections configured on 12.5 in (32cm) equilateral triangular design with electrically welded continuous steel “zigzag” cross bracing. The lattice tower sections are designed in accordance with U.S. National Standard ANSI/EIA-222 F.

Three high voltage insulators are used to isolate the radiator from the ground. Rain shields are included to enhance the insulation. Three top-loading element guy wires are used to develop and enhance antenna capacitance.

*Information provided is subject to change without notice