

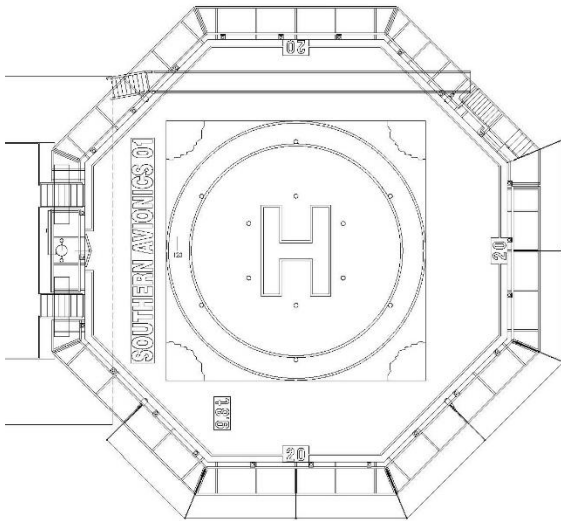


Helipad Antenna

Part Number: SLF10022

SPECIFICATION SHEET

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Application:

The Helipad Antenna is a low frequency radiobeacon antenna designed for installation around the perimeter of the helicopter landing decks of offshore platforms and drilling ships. 8-4.4 ft. (1.3m) galvanized steel insulator support poles are included. The installation kit includes 300 ft. (91.44m) Stainless Steel antenna wire, 8-1.3 ft. (.4m) Gatorshield silicone insulators and hardware.

The recommended distance between support arms is roughly 46 ft. (14m) apart for a 300 ft. (91.44m) antenna. Shorter lengths require fewer support poles. Support arms are required at each corner or angle of the deck. Antenna comes with 8 support poles.

FEATURE	SPECIFICATION
Wind Loading	152 mph (68m/s)
Wind Survival	156 mph (70m/s)
Temperature Range	-50°C - +70°C
Frequency Range	190 - 1800kHz (depends on installed length)
Resonant Frequency	2.5 MHz - 4.5 MHz (varies with installed length)
Power Rating	250 Watts carrier, 1000 Watts PEP
Effective Resistance	10 Ohms overall
Antenna Capacitance	300 ft. (91.44m)=800pF 164 ft. (50m)=400pF (depends on installed length)
Polarization	Vertical
Pattern	Omnidirectional
Electrical Length	Depends on installed height above water, Must be 50 ft. (15m) over the water, SAC can recommend
Electrical Standoff	All electrically (RF) hot conductors must be at least 1m from any structure
Ice Loading	Up to 0.4 in. (1cm) accumulation
Finish	Galvanized steel antenna structure; Stainless steel clamps; Stainless steel radiator
Installed Weight	207 lbs (94kg)

*Information provided is subject to change without notice

