SKP-TDL

PORTABLE HF TACTICAL DELTA LOOP ANTENNA KIT | 3.5-54 MHZ

Shakespeare® SKP-TDL is a rugged, portable HF Tactical Delta Loop antenna kit engineered for reliable communications in demanding military and tactical field environments. Developed in collaboration with Chameleon Antenna, SKP-TDL features a rugged, military-specification design that combines durability, portability, and versatile field deployment. Engineered for quick setup and a compact footprint, this antenna kit operates across a broad 3.5–54 MHz frequency range and is available with either the Hybrid MICRO or Hybrid MINI to accommodate different power requirements.

INCLUDES:

- 1 X SKP Hybrid Micro/Mini
- 1 X 25' (7.6 m) Wire Tinned Copper Kevlar PTFE (Teflon) -94°F (-70°C) to 302°F (150°C) wire
- 2 X SS17 (17' (5.1 m) long collapsible stainless-steel whip)
- 1 X SKP Spike Mount
- 1 X SKP 50' (15.2 m) Coax with RFI Choke (OPTIONAL)
- 1 X SKP TDL Hub
- Stainless Steel Hardware

RELATED ACCESSORIES:

- Counterpoise Kits
- Fiberglass Mast

SPECIFICATIONS:

ELECTRICAL

FREQUENCY RANGE:	3.5 – 54 MHz
DIPOLE / RADIATION PATTERN:	Omni/Bi-directional
INSTANTANEOUS BANDWIDTH:	50.5 MHz
POLARIZATION:	Horizontal
INPUT IMPEDANCE:	50 OHMS Nominal
POWER:	- HYBRID MICRO - 100W SSB Phone, 25W CW, 25W High Duty Cycle Digital Modes - HYBRID MINI - 500W SSB Phone, 100W CW, 50W High Duty Cycle Digital Modes
CONNECTOR:	Type - N
VSWR:	2.5:1

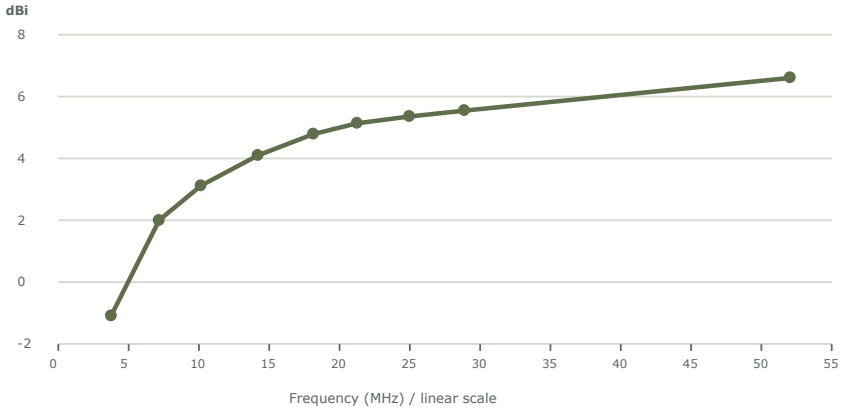
MECHANICAL

HEIGHT:	Custom
WEIGHT:	5 lbs. (2.2 kg)



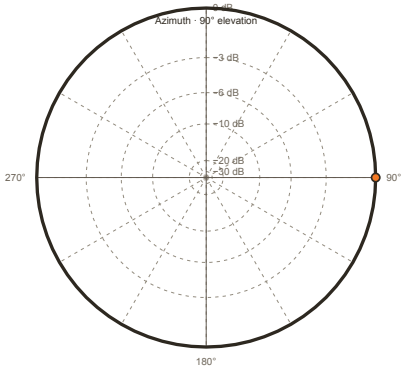
STYLE#
SKP-TDL

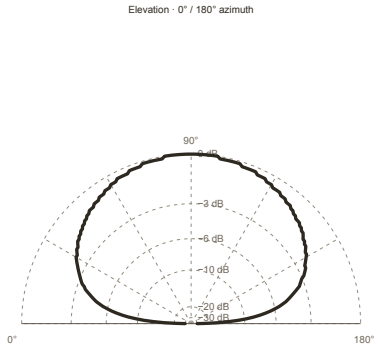
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CHA TDL Inverted Delta Terminal · 80m

Principal elevation 90° · principal azimuth 0°, normalized to modeled peak





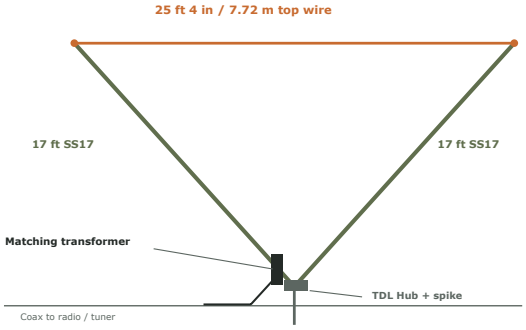
Frequency: 3.750 MHz Peak NEC gain: -1.07 dBi F/S: 0.0 dB Field: Total

GOVERNED NEC-4.2 ANGULAR DATA · normalized relative pattern · −30 to 0 dB

SIMULATION — NORMALIZED PATTERN ONLY · UNCORRELATED

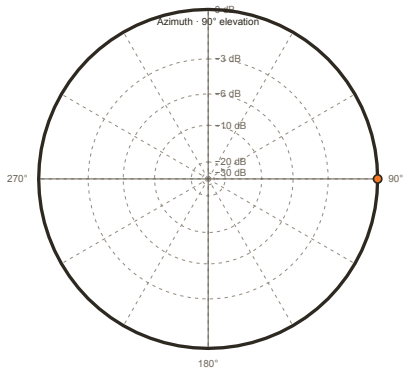
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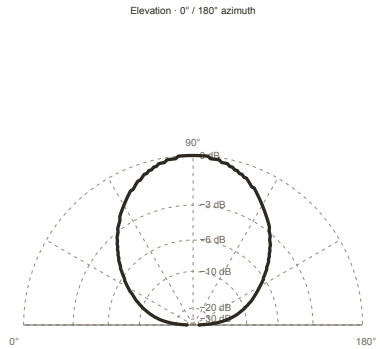
FRONT VIEW / IN THE LOOP PLANE



CHA TDL Inverted Delta Terminal · 30m

Principal elevation 90° · principal azimuth 0°, normalized to modeled peak





Frequency: 10.125 MHz Peak NEC gain: 3.13 dBi F/S: 0.0 dB Field: Total

GOVERNED NEC-4.2 ANGULAR DATA · normalized relative pattern · −30 to 0 dB

SIMULATION — NORMALIZED PATTERN ONLY · UNCORRELATED

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