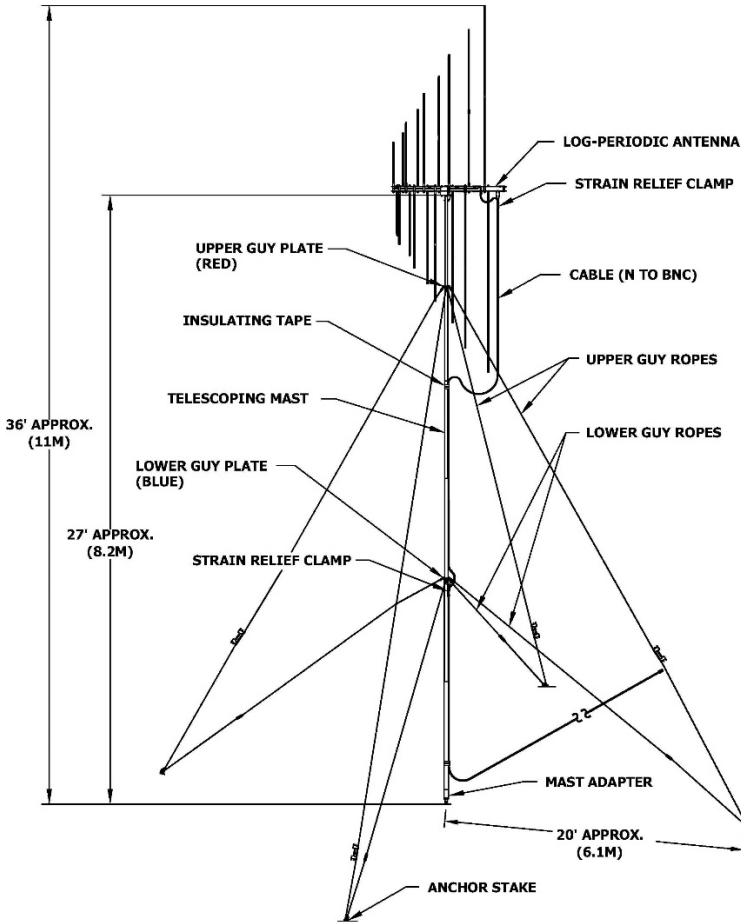


PRODUCT DESCRIPTION

Part Number	RLP3088
NSN	Not Assigned
Market	Military -Land

The RLP3088 log-periodic dipole antenna system uses 18 aluminum elements to provide wideband directional transmission/reception of radio signals in the 30-88 MHz band. The forward gain is typically greater than 4 dBi across the entire frequency range. The specially designed mounting arrangement results in fast assembly and installation. The antenna can be installed on the supplied 8m (27 ft.) mast typically in less than 15 minutes.



PRODUCT SPECIFICATIONS

Frequency Range	30 – 88 MHz
VSWR (maximum)	3.0
Nominal Impedance	50 Ohms
Forward gain (average)	Greater than 4 dBi
Forward gain (minimum)	Greater than 2 dBi
Polarization	vertical
Azimuth Half Power Beamwidth	Greater than 60°
RF Connector	Type N (female)
Maximum Power	100 Watts CW
RF Coaxial Cable	15 m (50 ft.) BNC & N

MECHANICAL SPECIFICATION

Mast Height (extended)	8 m (27 ft.)
Mast Max Length (packed)	2.5 m (8 ft.)
Mast Weight	15 kg (33 lb.)
Mast Kit Weight	11 kg (24 lb.)
Antenna Max Dimension (extended)	5m x 3.5m x 20cm (169.9" x 137.8" x 7.9")
Antenna Max Dimension (packed)	50cm x 50cm x 250 cm (19.7" x 19.7" x 98.4")
Antenna Weight	15 kg (33 lb.) Maximum
Antenna kit (w/ cable) Weight	20 kg (44 lb.) Maximum
Colors Available	P/N: RLP3088G CARC Green w/Black Mast P/N: RLP3088T CARC Tan w/Black Mast P/N: RLP3088B CARC Black w/Black Mast