

Fungus Resistance

ANTENNA EXPERTS

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Model # LP-30-118 30 – 118 MHz. 8 dBi. Gain

Log periodic Dipole Antenna

DESIGN FEATURES: The LP-30-118 MIL grade log periodic dipole antenna use 6063T6 ultra corrosion resistant architectural anodized aluminum alloy and designed to provide wideband directional transmission/reception of radio signals from 30-118 MHz bands. The specially designed mounting arrangement of LP antenna results in fast installation. The extra spacers are used between the support booms to improve mechanical durability of LP antenna. The high power log periodic antenna can be assembled in less than 5 minutes by 2 technicians. This high power log periodic dipole antenna system is particular suitable for transmission, reception, monitoring, scanning and jamming applications due to its broad band design feature. This high gain high power LPA provides strong performance over the entire frequency of 30-118 MHz as the LPDA does not use loading technique to reduce the overall size of array. Powder coating of the complete log periodic antenna provides extra protection against corrosion in saline weather present in coastal areas. The shipping length of antenna is 2.6 meters

making it highly suitable for mobile and tactical applications. CONSTRUCTIONS: The LP-30-118 assembled log periodic antennas outer-most dimensions are 4 meters long and 5 meters wide. The antenna has foldable elements, the longest of which is 2.5 meters. All the elements are supplied in two segments for easy of shipping and handling. The elements are attached via a stainless steel stud system which is fixed at each element end for attaching the same on the corresponding marked position on support boom. The log periodic antenna operates at D.C. ground with low resistance discharge path for protection against lightning and immunity to noise. The complete antenna is supplied with epoxy based powder coating finish to protect it further from severe environmental



conditions All the screws, nuts and bolts of high gain log periodic dipole antenna are made of type 316 marine grade stainless steel. The LP Antenna is supplied with olive green military colour finish. The mounting arrangement of log periodic antenna permits to change the polarization from horizontal to vertical and vice-versa

HIGH POWER VERSION (OPTIONAL): This high power high gain log periodic antenna can be supplied with 4KW power handling capacity. The antenna uses coaxial cable made by Times Microwave which has a low density PTFE (TEFLON) dielectric, a solid BCCAI inner conductor and tinned copper with aluminium tape as outer conductor. This high power log periodic antenna is supplied with either DIN-Female connector. The part number for this option is LPHP-30-118.

Bandwidth Entire Band Polarization Vertical or Horizontal Input Impedance 50 Ohms Radiation Pattern Directional Horizontal Beam-width—Half power Points. 90 +/- 10 Degrees 6 Vertical Beam-width—Half power Points. 75 +/- 10 Degrees Front to Back Ratio 15 +/- 2 dB. VSWR – Better Than 2.5:1 RF Power Handling Capacity 500 Watts High RF Power Handling Capacity 4KW (Optional) Input Termination N-Female (DIN-Female Optional) Lightning Protection Direct Ground MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials 6063T6 Aluminum Alloy Mounting Hardware -Materials Marine Grade Stainless Steel Gross Weight Approx. 18 kgs. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material – Cross Section Aluminum – Square Tube Elements - Materials - Cross Section Aluminum Hound Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II	Frequency Range	30-118 MHz.
Polarization Vertical or Horizontal Input Impedance 50 Ohms Radiation Pattern Directional Horizontal Beam-width—Half power Points. 90 +/- 10 Degrees 6 Vertical Beam-width—Half power Points. 75 +/- 10 Degrees 6 Vertical Beam-width—Half power Points. 75 +/- 10 Degrees 6 Vertical Beam-width—Half power Points. 75 +/- 10 Degrees 5 Front to Back Ratio 15 +/- 2 dB. VSWR – Better Than 2.5:1 RF Power Handling Capacity 500 Watts High RF Power Handling Capacity 4KW (Optional) Input Termination N-Female (DIN-Female Optional) Input Termination N-Female (DIN-Female Optional) Lightning Protection Direct Ground MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials 6063T6 Aluminum Alloy Mounting Hardware -Materials Marine Grade Stainless Steel Gross Weight Approx. 18 kgs. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Support Boom - Material - Cross Section. Aluminum - Square Tube Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 507.5, Procedures I & II	Gain - Typical	8 dBi.
Input Impedance Radiation Pattern Directional Horizontal Beam-width —Half power Points. 90 +/- 10 Degrees 6 Vertical Beam-width —Half power Points. 75 +/- 10 Degrees Front to Back Ratio 15 +/- 2 dB. VSWR — Better Than 2.5:1 RF Power Handling Capacity High RF Power Handling Capacity Direct Ground MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials Marine Grade Stainless Steel Gross Weight Approx. 18 Kgs. Wind Rating Noverall Length Overall Length Overall Length Shipping Length 2.6 Meters Support Boom - Material — Cross Section Aluminum — Square Tube Elements - Materials — Cross Section Aluminum — Round Tube Mounting Clamps Position Maximum Mount Pipe Diameter So-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Humidity MIL-STD-810G, Method 501.5, Procedure IV Vibration MIL-STD-810G, Method 501.5, Procedure IV	Bandwidth	Entire Band
Radiation Pattern Horizontal Beam-width —Half power Points. 90 +/- 10 Degrees 6 Vertical Beam-width —Half power Points. 75 +/- 10 Degrees Front to Back Ratio 15 +/- 2 dB. VSWR — Better Than 2.5:1 RF Power Handling Capacity 500 Watts High RF Power Handling Capacity 4KW (Optional) Input Termination N-Female (DIN-Female Optional) Lightning Protection Direct Ground MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials Mounting Hardware –Materials Gross Weight Approx. 18 Kgs. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Shipping Length 2.6 Meters Shipping Length Auminum – Square Tube Elements – Materials – Cross Section. Aluminum – Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: Humidity MIL-STD-810G, Method 501.5, Procedures I & II Humidity MIL-STD-810G, Method 501.5, Procedures I & II Humidity MIL-STD-810G, Method 501.5, Procedure I V Vibration MIL-STD-810G, Method 511.6, Procedure I Will-STD-810G, Method 511.6, Procedure I Vibration MIL-STD-810G, Method 511.6, Procedure I Vibration MIL-STD-810G, Method 511.6, Procedure I Vibration	Polarization	Vertical or Horizontal
Horizontal Beam-width —Half power Points. Vertical Beam-width —Half power Points. 75 +/- 10 Degrees Front to Back Ratio 15 +/- 2 dB. VSWR – Better Than 2.5:1 RF Power Handling Capacity High RF Power Handling Capacity Input Termination Lightning Protection MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials Mounting Hardware –Materials Gross Weight Approx. 18 kgs. Wind Rating 180 km/Hr. Overall Length Overall Length Overall Width 5.0 Meters Shipping Length Support Boom - Material — Cross Section. Elements - Materials — Cross Section. Aluminum - Square Tube Elements - Materials — Cross Section Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter Finish/Colour Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: WIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedure IV Vibration MIL-STD-810G, Method 501.6, Procedure IV	Input Impedance	50 Ohms
Vertical Beam-width -Half power Points. 75 +/- 10 Degrees Front to Back Ratio 15 +/- 2 dB. VSWR - Better Than 2.5:1 RF Power Handling Capacity 500 Watts High RF Power Handling Capacity 4KW (Optional) Input Termination N-Female (DIN-Female Optional) Lightning Protection Direct Ground MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials 6063T6 Aluminum Alloy Mounting Hardware -Materials Marine Grade Stainless Steel Gross Weight Approx. 18 kgs. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material - Cross Section. Aluminum - Square Tube Elements - Materials - Cross Section. Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedure IV Vibration MIL-STD-810G, Method 511.6, Procedure IV	Radiation Pattern	Directional
Front to Back Ratio 15 +/- 2 dB. VSWR – Better Than 2.5:1 RF Power Handling Capacity 500 Watts High RF Power Handling Capacity AKW (Optional) Input Termination N-Female (DIN-Female Optional) Lightning Protection MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials Marine Grade Stainless Steel Gross Weight Approx. 18 Kgs. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material – Cross Section. Elements - Materials - Cross Section. Aluminum – Square Tube Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure IV	Horizontal Beam-width –Half power Points.	90 +/- 10 Degrees 6
VSWR – Better Than 2.5:1 RF Power Handling Capacity 500 Watts High RF Power Handling Capacity 4KW (Optional) Input Termination N-Female (DIN-Female Optional) Lightning Protection Direct Ground MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials Mounting Hardware - Materials Gross Weight Approx. 18 Kgs. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material - Cross Section. Aluminum - Square Tube Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 502.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedure IV Vibration MIL-STD-810G, Method 516.6, Procedure IV	Vertical Beam-width –Half power Points.	75 +/- 10 Degrees
RF Power Handling Capacity High RF Power Handling Capacity AKW (Optional) Input Termination N-Female (DIN-Female Optional) Lightning Protection Direct Ground MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials Mounting Hardware - Materials Mounting Hardware - Materials Marine Grade Stainless Steel Gross Weight Approx. 18 Kgs. Wind Rating Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material - Cross Section. Aluminum - Square Tube Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & III Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure IV	Front to Back Ratio	15 +/- 2 dB.
High RF Power Handling Capacity Input Termination N-Female (DIN-Female Optional) Lightning Protection Direct Ground MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials Mounting Hardware -Materials Marine Grade Stainless Steel Gross Weight Approx. 18 Kgs. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Support Boom - Material - Cross Section. Elements - Materials - Cross Section Aluminum - Square Tube Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 514.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	VSWR – Better Than	2.5:1
Input Termination N-Female (DIN-Female Optional) Lightning Protection Direct Ground MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials 6063T6 Aluminum Alloy Mounting Hardware -Materials Marine Grade Stainless Steel Gross Weight Approx. 18 Kgs. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material - Cross Section. Aluminum - Square Tube Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Low Temperature MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 514.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	RF Power Handling Capacity	500 Watts
Lightning Protection MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials Marine Grade Stainless Steel Gross Weight Approx. 18 Kgs. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material - Cross Section. Elements - Materials - Cross Section Aluminum - Square Tube Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 502.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	High RF Power Handling Capacity	4KW (Optional)
MECHANICAL SPECIFICATIONS: Support Booms & Radiating Elements Materials Mounting Hardware - Materials Gross Weight Approx. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material - Cross Section. Elements - Materials - Cross Section Aluminum - Square Tube Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Input Termination	N-Female (DIN-Female Optional)
Support Booms & Radiating Elements Materials Mounting Hardware - Materials Gross Weight Approx. 18 Kgs. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material - Cross Section. Elements - Materials - Cross Section Aluminum - Square Tube Elements - Materials - Cross Section At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Lightning Protection	Direct Ground
Mounting Hardware - Materials Gross Weight Approx. 18 Kgs. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material - Cross Section Aluminum - Square Tube Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 502.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	MECHANICAL SPECIFICATIONS:	
Gross Weight Approx. Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material - Cross Section. Elements - Materials - Cross Section Aluminum - Square Tube Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Support Booms & Radiating Elements Materials	6063T6 Aluminum Alloy
Wind Rating 180 km/Hr. Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material – Cross Section. Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Low Temperature MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Mounting Hardware -Materials	Marine Grade Stainless Steel
Overall Length 4.0 Meters Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material - Cross Section. Aluminum - Square Tube Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Low Temperature MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Gross Weight Approx.	18 Kgs.
Overall Width 5.0 Meters Shipping Length 2.6 Meters Support Boom - Material - Cross Section. Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Low Temperature MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Wind Rating	180 km/Hr.
Shipping Length 2.6 Meters Support Boom - Material - Cross Section. Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Overall Length	4.0 Meters
Support Boom - Material - Cross Section. Aluminum - Square Tube Elements - Materials - Cross Section Aluminum - Round Tube Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Low Temperature MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Overall Width	5.0 Meters
Elements - Materials - Cross Section Mounting Clamps Position At Center of the Support Boom Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Low Temperature MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Shipping Length	2.6 Meters
Mounting Clamps Position Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Low Temperature MIL-STD-810G, Method 507.5, Procedures I & II Humidity MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Support Boom - Material – Cross Section.	Aluminum – Square Tube
Maximum Mount Pipe Diameter 50-100mm (2-4 Inches) Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Low Temperature MIL-STD-810G, Method 502.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Elements - Materials - Cross Section	Aluminum - Round Tube
Finish/Colour Olive Green Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Low Temperature MIL-STD-810G, Method 502.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Mounting Clamps Position	At Center of the Support Boom
Corrosion Protection Epoxy Based Paint (Powder Coating) ENVIRONMENTAL SPECIFICATIONS: High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Low Temperature MIL-STD-810G, Method 502.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Maximum Mount Pipe Diameter	50-100mm (2-4 Inches)
High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Low Temperature MIL-STD-810G, Method 502.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Finish/Colour	Olive Green
High Temperature MIL-STD-810G, Method 500.5, Procedures I & II Low Temperature MIL-STD-810G, Method 502.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Corrosion Protection	Epoxy Based Paint (Powder Coating)
Low Temperature MIL-STD-810G, Method 502.5, Procedures I & II Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	ENVIRONMENTAL SPECIFICATIONS:	
Humidity MIL-STD-810G, Method 507.5, Procedures I & II Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	High Temperature	MIL-STD-810G, Method 500.5, Procedures I & II
Shock MIL-STD-810G, Method 516.6, Procedure IV Vibration MIL-STD-810G, Method 514.6, Procedure I	Low Temperature	MIL-STD-810G, Method 502.5, Procedures I & II
Vibration MIL-STD-810G, Method 514.6, Procedure I	Humidity	MIL-STD-810G, Method 507.5, Procedures I & II
	Shock	MIL-STD-810G, Method 516.6, Procedure IV
Rain MIL-STD-810G, Method 506.5, Procedure I	Vibration	MIL-STD-810G, Method 514.6, Procedure I
	Rain	MIL-STD-810G, Method 506.5, Procedure I

Salt Fog MIL-STD-810G, Method 509.5

Note: All information contained in the datasheet is subject to change without any prior notice. Contact us for pattern and VSWR graphs

MIL-STD-810G, Method 508.6