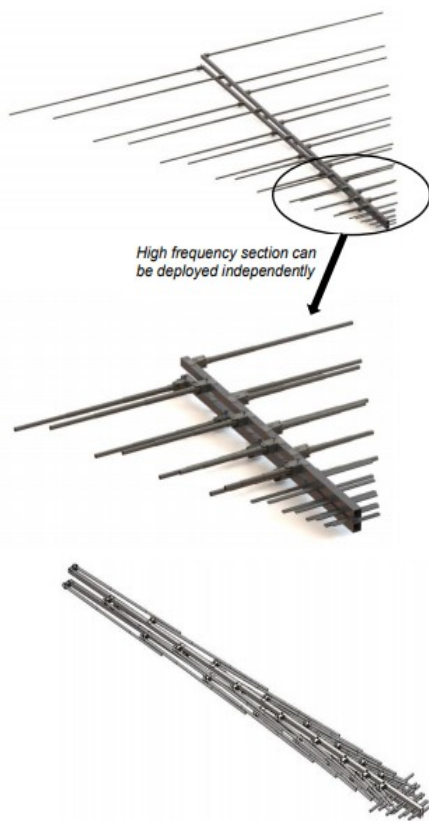


Wideband Modular Foldable LPDA Antenna Model no.: SRFS- LPDA-A0158

Product Description

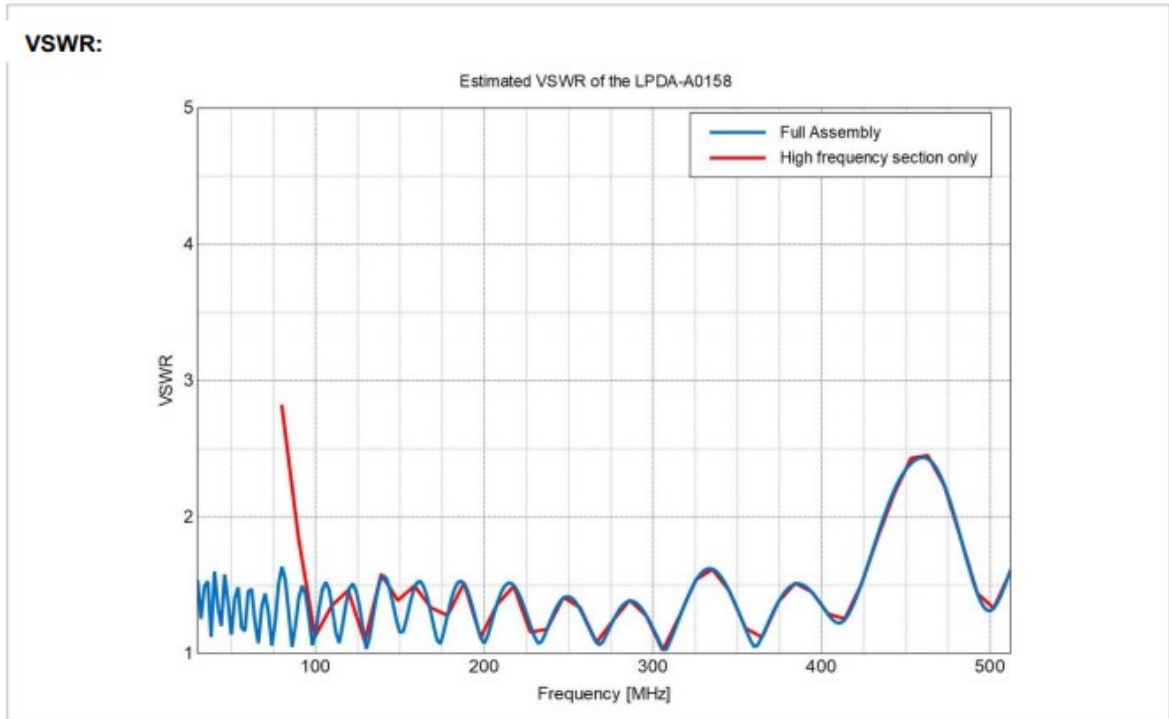
The LPDA-A0158 is medium-gain wideband directional LPDA antenna and covers the frequency band from 30 MHz to 512 MHz. The antenna has a modular design which allows the user to deploy either the full assembly or the high frequency section only, depending on the mission requirements. This antenna has foldable elements which makes the antenna easy to stow and deploy. There are no loose parts and no tools required to deploy the antenna. This makes the antenna ideal for tactical applications as well as for use in harsh environments and installations where there is limited space for operators to manoeuvre. All antenna elements are permanently attached to the boom, to prevent any parts from becoming lost in the field.



Electrical Specifications	
Frequency range	30 – 512 MHz
VSWR	< 2.5:1
Nominal input impedance	50 Ω
Connector	7/16 female
Feed power handling	1000 W
Gain	See gain graph
Polarization	Adjustable (vertical or horizontal)
Mechanical Specifications	
Dimensions (full assembly - deployed)	4810 mm x 182 mm x 5350 mm
Dimensions (High Frequency section - deployed)	1521 mm x 125 mm x 1775 mm
Dimensions (full assembly -stowed)	4810mm x 182 mm x 590 mm
Dimensions (high frequency section - stowed)	1521 mm x 125 mm x 590 mm
Mounting method	On a swivel bracket fitted to the mast (requires isolation pole to change polarization which is standard issue)
Environmental Specifications	
Wind survival	120 km/h when guyed
Temperature (operational)	-35 °C to 71 °C
Temperature (storage)	-35 °C to 71 °C
Exposed materials	Aluminium, stainless steel

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VSWR:



Gain:

