

Wideband Foldable LPDA Antenna Model no.: SRFS- LPDA-A0163

Product Description

The LPDA-A0163 is medium-gain wideband directional LPDA antenna and covers the frequency band from 30 MHz to 100 MHz. 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 man.

All antenna elements are permanently attached to the boom, to prevent any parts from becoming lost in the field.

PRODUCT FEATURES:

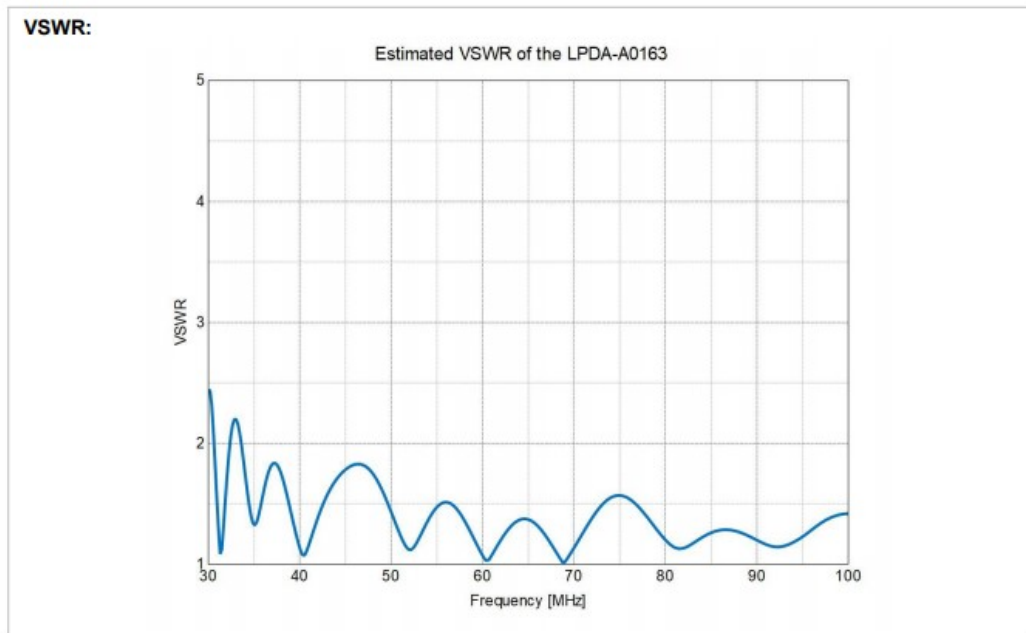
- Quick deployment
- Compact storage
- Wideband
- Low and stable VSWR
- Vertical or horizontal polarization



Electrical Specifications	
Frequency range	30 – 100 MHz
VSWR	< 2.5:1
Nominal input impedance	50 Ω
Connector	7/16 female
Feed power handling	1000 W
Polarization	Adjustable (vertical or horizontal)
Mechanical Specifications	
Dimensions (w x l)	2882 mm x 2804 mm x 829 mm
Dimensions (deployed)	4500 mm x 550 mm x 3050 mm
Dimensions (stowed)	4700 mm x 550 mm x 580 mm
Mounting method	On a swivel bracket fitted to the mast (requires isolation pole to change polarization which is standard issue)
Packaging	Transportable bag or crate
MTBF	100,000 h
Environmental Specifications	
Wind survival	120 km/h
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:

