

Wide Band Directional LPDA Antenna

WS-LPDS-11



- 698-960 / 1710-3800MHz
- Sub 6 Ready
- High Gain across both High and Low Frequencies
- ABS Construction
- Low PIM
- Bracket Included

This wideband directional antenna offers high gain across its operating bands of 698-960 MHz, 1710-3800 MHz, making it ideal for applications where signal strength and data speed are paramount.

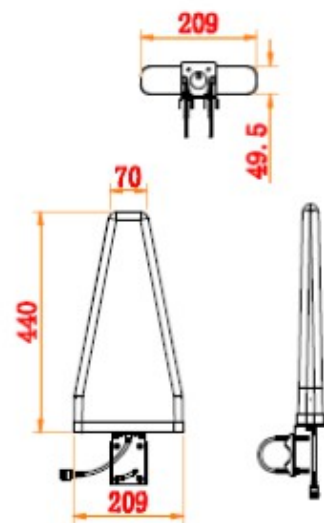
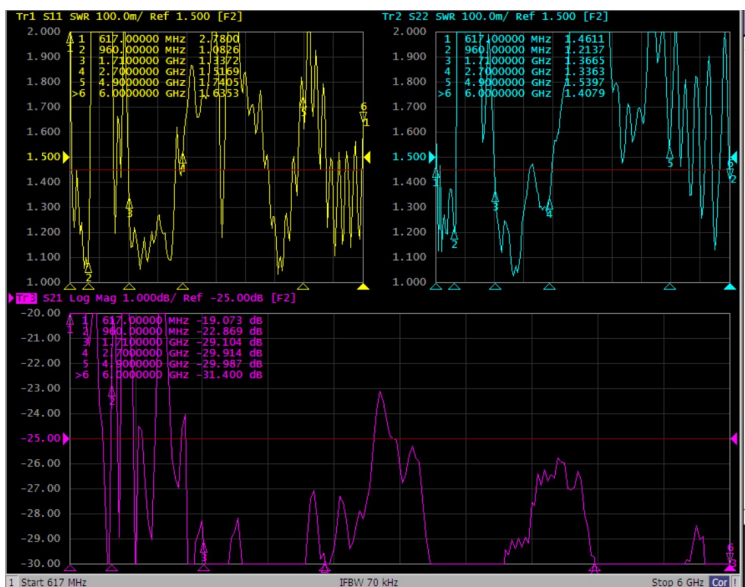
The antenna offers high gain on Telstra's new 4GX 700 MHz (Band 28) and 2600 MHz (Band 7) networks, as well as current 1800 MHz 4G, all the while being compatible with the future 5G network.

The antenna is constructed with brass and copper elements that are soldered together producing both a DC path to ground and preventing internally produced intermodulation. The antenna is carefully built using specially treated materials and a meticulous assembly process to achieve a -150 dBc PIM rating or better.

An ideal antenna for industrial and commercial 4G/5G applications.

VSWR

DRAWING



Wide Band Directional LPDA Antenna

Part No.			WS-LPDS-11
Electrical Data			
Frequency Range (MHz)			698-960 / 1700-3800
Gain			11dBi
VSWR			≤2.0
Polarisation			Vertical
Beamwidth	Horizontal		70°
	Vertical		60°
Front to Back Ratio			≥16 dB
Impedance			50Ω
Max Input Power (W)			50
Intermodulation			≤-150 dBc
Lightning Protection			DC Ground
Mechanical Data			
Dimensions (mm)			440 (L) x 209 (W) x 70 (D)
Operating Temp			-40°C / +70°C
Connector			N Female
Weight			300g
Reflector Material			Aluminium
Radome Material			ABS
Mounting Data			
Mounting Pole			Ø30 - Ø50 mm
Rated Wind Velocity			110 Km/h
Cable			30cm FLEX-141
Mounting brackets			mounting bracket included