

Type LC114-1AC1E1AY1AZ1BP-0R30

16-Port Cylinder 885-960/1710-1830/1880-1920/2010-2025/4x2515-2675 13/14/15/15/16dBi, 1 beam, 48/32/30/26/24-degree Antenna

Electrical Specifications

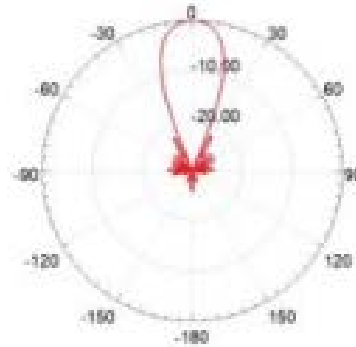
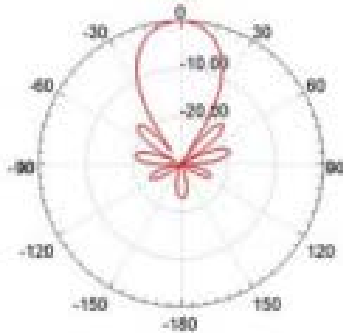
Frequency range (MHz)	885-960	1710-1830	1880-1920	2010-2025	2515-2675
Polarization	±45				
Gain (dBi)	≥13	≥14	≥15	≥15	≥16
Sidelobe Suppression (dB)	≥14	≥14	≥14	≥14	≥14
Horizontal Plane 3dB Beamwidth (°)	48±5	32±2	30±2	26±2	24±2
Vertical Plane 3dB Beamwidth (°)	48±5	32±2	30±2	26±2	24±2
Horizontal beam centers (°)	0				
Beam Quantity	1				
VSWR	≤1.5				
Isolation Between Polarization (dB)	≥25				
Front to Back Ratio (dB)	≥22	≥25	≥25	≥25	≥25
Intermodulation IM3 dBc (2×43dBm)	≤-150				
Power Rating (W)	12 x 180W				
Input Impedance (Ω)	50				
Lighting Protection	DC Ground				



Mechanical Specifications

Radome Material	UPVC
Connector Type and Location	6*4.3-10-Female +2* Cluster Male Bottom
Mechanical Downtilt (°)	0-12
Dimensions, HxWxD (mm)	1535×400×400
Packing Size (mm)	1860×650×690
Net Weight (Kg)	27
Gross Weight (Kg)	32
Clip Weight (Kg)	2.71
Max. Wind Velocity(m/s)	55
Mounting hardware Diameter (mm)	∅ 40 mm ~ ∅ 114 mm
Operational Temperature(°C)	-40 to +70
Operational Humidity (%)	<95

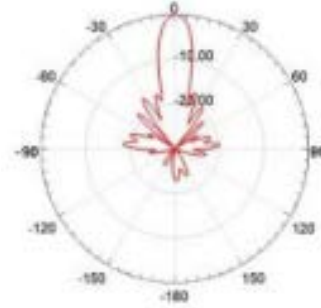
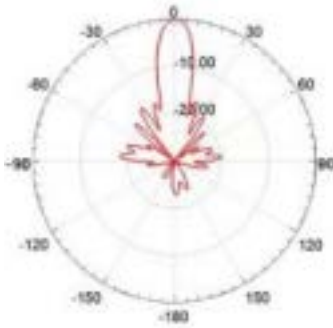
Radiation Pattern (885-960 MHz)



Horizontal Pattern

Vertical Pattern

Radiation Pattern (1710-1830 MHz/1880-1920MHz/2010-2025MHz/2515-2675MHz)



Horizontal Pattern

Vertical Pattern