



LUCEOR Accessory : PA-001B Antenna

Outdoor Panel ("Patch") Antenna
Simple Polarization - 1 x N-Female connector
19dBi / 20°H-20°V / 5.1 - 5.9 GHz

U-bolt for pole mounting included (max diam. 50mm)



Electrical Properties

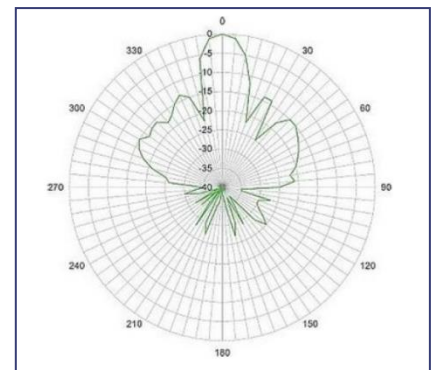
Frequency	5.1 - 5.9 GHz
Gain	19dBi
Polarization	horizontal or vertical
Beamwidth deg horizontal	20°
Beamwidth deg vertical	20°
VSWR	<1,8
Impedance	50 ohm
Front to back ratio	> 35 dB

Enclosure Properties

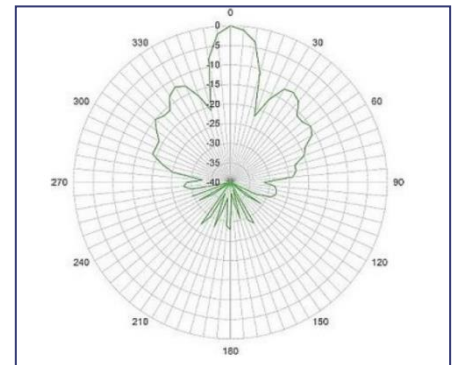
Technology:	Microstrip
Material:	UV protected
Colour:	White
Ingress Protection (EN 60529):	IP 66
Min temperature:	-40°C / -40°F
Max temperature:	80°C / 176°F

Mechanical Properties

Input Connector	N-type / female
Outside Dimensions	169x169x20mm /
Weight	0.6kg / 1.3lbs



H-Plane



V-Plane

Performance

Fault Tolerant

Autonomy

Fast Mobility



LUCEOR Accessory : PA-002 Antenna

Outdoor Panel ("Patch") Antenna
Dual Polarization - 2 x N-Female connectors
21dBi / 10°H-20°V / 5.4 - 5.85 GHz

U-bolt for pole mounting included (max diam. 50mm)

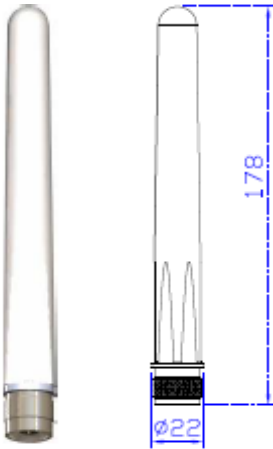
Electrical Properties	
Frequency	5.4 - 5.85 GHz
Gain	2x21dBi
Polarization	dual H&V
Beamwidth deg horizontal	10°
Beamwidth deg vertical	20°
VSWR	<1.8
Impedance	50 ohm
Front to back ratio	> 35 dB
Port Isolation	> 45 dB
Enclosure Properties	
Technology:	Microstrip
Material:	UV protected
Colour:	White
Min temperature:	-40°C / -40°F
Max temperature:	80°C / 176°F
Mechanical Properties	
Input Connector	N-type / female
Outside Dimensions	345x345x20mm / 13.6x13.6x0.8"
Weight	1.3kg / 2,9lbs

Performance

Fault Tolerant

Autonomy

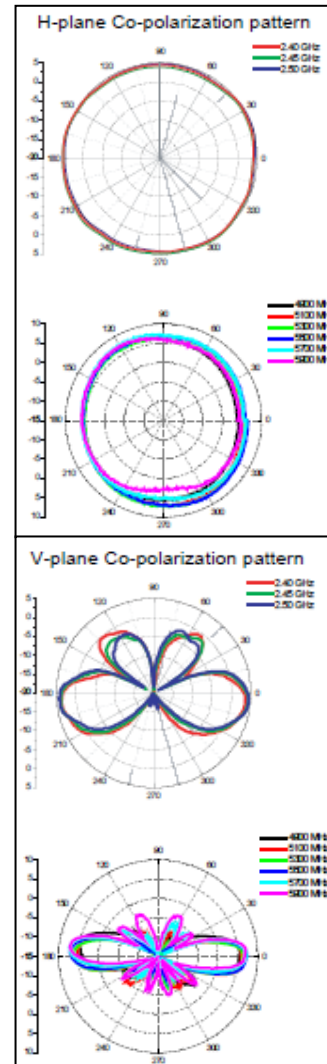
Fast Mobility



LUCEOR Accessory : OA-001 Antenna

Outdoor Dual-Band Omni-Directional Antenna
 Simple Polarization - 1 x N-Female connector
 5 dBi / 360°H-30°V / 2.4 – 2.5 GHz
 7 dBi / 360°H-30°V / 5.1 - 5.9 GHz

Electrical Specification		
Frequency range	2400 MHz - 2500 MHz	5150 MHz - 5875 MHz
Peak gain	5.0 dBi	7.0 dBi
Average gain	2.5 dBi	5.0 dBi
VSWR	2.0 : 1 Max.	
Polarization	Linear, vertical	
HPBW / horizontal	360°	
HPBW / vertical	30°	
Power handling	2 W (cw)	
Impedance	50 Ohms	
Connector	N plug	
Environmental & Mechanical Characteristics		
Survival wind speed	216 km/hr	
Temperature	- 40°C to +70°C	
Humidity	95% @ 55°C	
Radome color	White	
Radome material	ABS	
HPBW / horizontal	360°	
Weight	70 gw	
Dimensions	Ø22 x 178 mm	



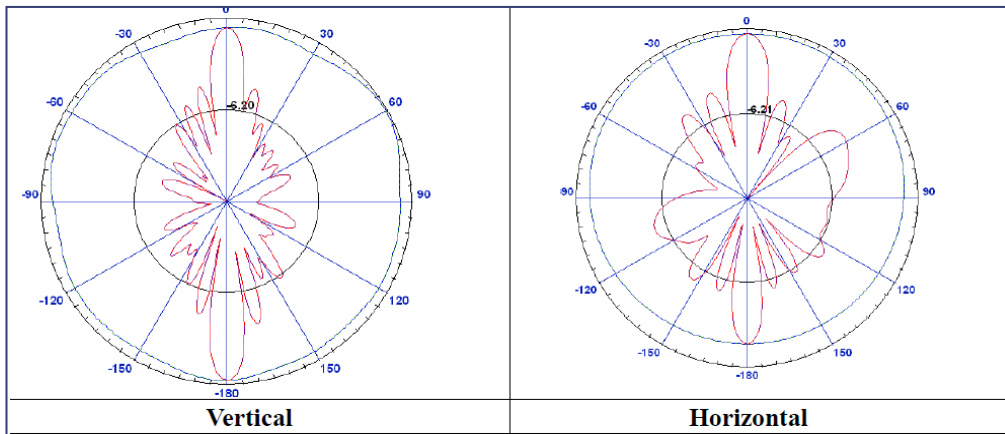


LUCEOR Accessory : OA-002 Antenna

Outdoor Omni-Directional Antenna
Dual Polarization - 2 x N-Female connectors
12dBi / 360°H-13°V / 4.9 - 5.9 GHz

U-bolt for pole mounting included (max diam. 50mm)

Freq. Range	4900-5850MHz
Bandwidth	950MHz
Gain	2x12dBi
Horizontal Beamwidth	360 °
Vertical Beamwidth	13°
V.S.W.R	< 1.5Type;Max 2.0
Isolation	>27dB
Nominal Impedance	50 ohm
Polarization	Horizontal and Vertical
Max Power	50W
Dimensions	Φ 60x370mm
Weight	1.5kg
Rated Wind Velocity	60 m/s



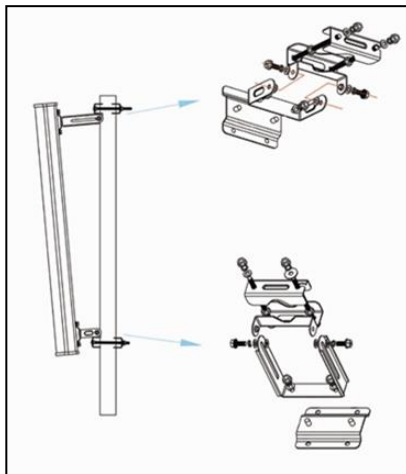
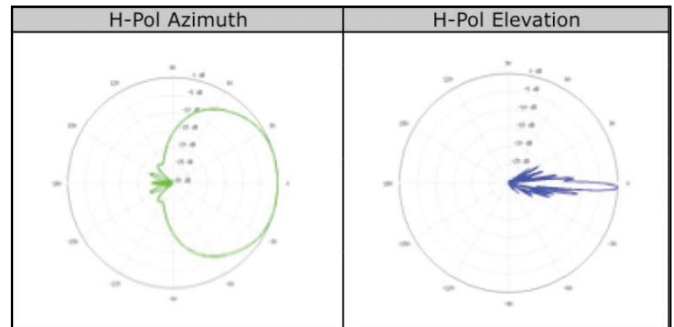
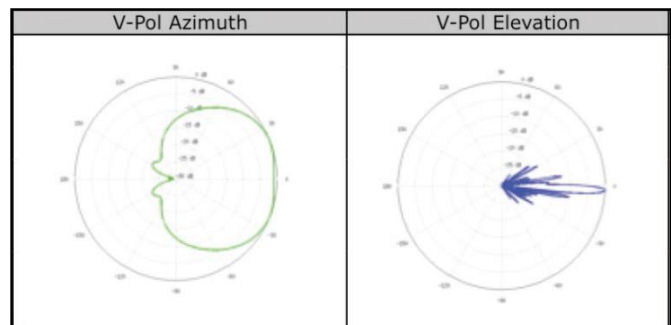


LUCEOR Accessory : SE-003 Antenna

Outdoor Sector Antenna
Dual Polarization - 2 x RP-SMA-Female connectors
19dBi / 90°H-4°V / 5.1 - 5.9 GHz

Mounting kit included (max diam. 50mm)

Frequency Range	5.15-5.85 GHz
Gain	18.6-19.1dBi
Polarization	Dual Linear
Cross-pol Isolation	28dB min.
Max VSWR	1.5:1
Hpol Beamwidth (6dB)	123 deg.
Vpol Beamwidth (6dB)	123 deg.
Elevation Beamwidth	4 deg.
Electrical Downtilt	2 deg.
ETSI Specification	EN 302 326 DN2
Dimensions	700x145x79 mm
Weight	5.9 kg
Windloading	160 mph



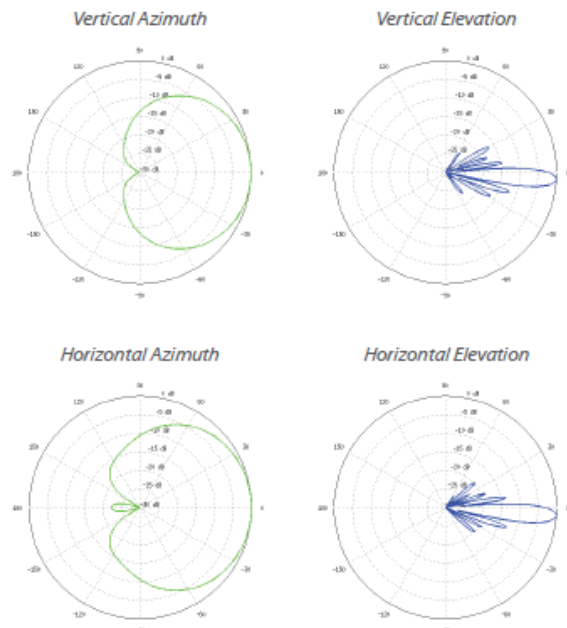


LUCEOR Accessory : SE-005 Antenna

Outdoor Sector Antenna
Dual Polarization - 2 x RP-SMA-Female connectors
16dBi / 90°H-4°V / 5.1 - 5.9 GHz

Mounting kit included (max diam. 50mm)

Dimensions* (mm)	367 x 63 x 41
Weight**	1.1 kg
Frequency Range	5.10 - 5.85 GHz
Gain	15.0 - 16.0 dBi
HPOL Beamwidth	137° (6 dB)
VPOL Beamwidth	118° (6 dB)
Electrical Beamwidth	8°
Electrical Downtilt	4°
Max. VSWR	1.5:1
Wind Survivability	125 mph
Wind Loading	6 lbf @100 mph
Polarization	Dual-Linear
Cross-pol Isolation	22 dB Min.
ETSI Specification	EN 302 326 DN2



Performance

Fault Tolerant

Autonomy

Fast Mobility

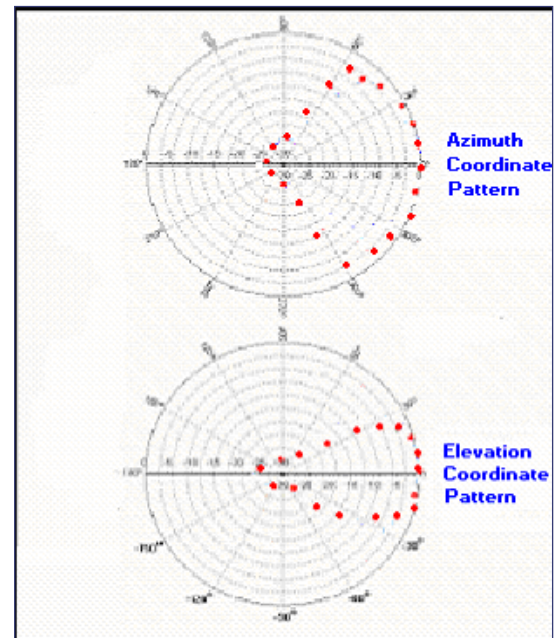


LUCEOR Accessory : SE-002 Antenna

Outdoor Sector Antenna
Simple Polarization - 1 x N-Female connector
10dBi / 120°H-20°V / 2.4 – 2.5 GHz

Mounting kit included (mx diam. 50mm)

General Freq. (MHz)	2400-2500
Gain	10 dBi
Max. Input Power	100 Watts
Polarization	H&V
Azimuth Beamwidth	120 degrees
Elevation Beamwidth	20 degrees (Mounting arm is factory-angled to center the elevation pattern signal at the horizon)
VSWR	1:1-1.8:1
Overall Size	102 x 254 x 102 mm
Termination	N-Female
Mounting Style	Mast/Wall/Tower-Leg mount
Mount Hardware Included	YES



Performance

Fault Tolerant

Autonomy

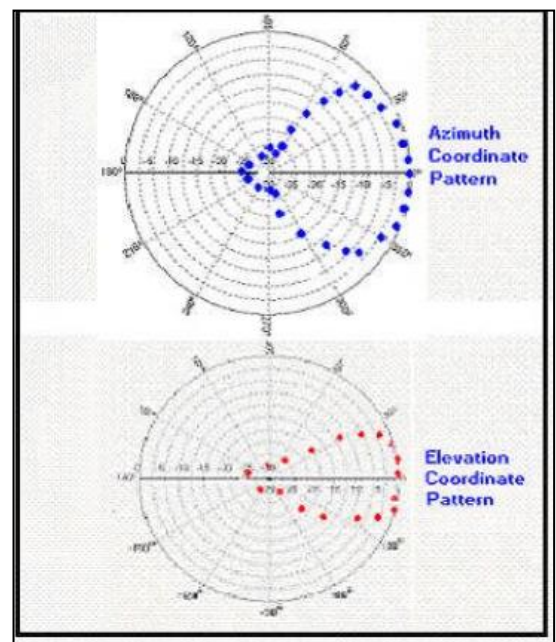
Fast Mobility



LUCEOR Accessory : SE-004 Antenna

Outdoor Sector Antenna
Simple Polarization - 1 x SMA-Female connector
10dBi / 90°H-35°V / 5.9 GHz

General Freq. (MHz)	5900
Gain	10 dBi
Max. Input Power	50 Watts
Polarization	H&V
Azimuth Beamwidth	90 degrees
Elevation Beamwidth	35 degrees (Mounting arm is factory-angled to center the elevation pattern signal at the horizon)
VSWR	1:1-1.8:1
Overall Size	38 x 114 X 38 mm
Termination	SMA-Female
Mounting Style	Mast/Wall mount
Mount Hardware Included	YES



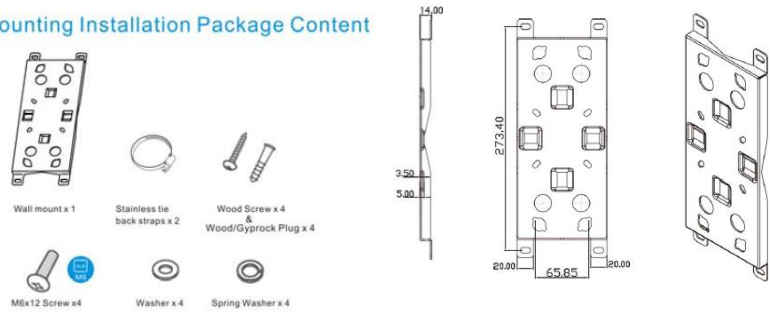


LUCEOR Accessory : Pole/Wall Mounting Kit
Standard Mounting Kit for Luceor MegaMesh and GigaMesh router series

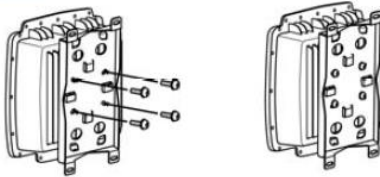
Material	SECC
Wind Load Speed	210 Km/h
Operating temperature	-40°C to 70°C
Weight	0.5 KG

- Easy Installation Patent
- Flexible for Wide Range Pole
- Industry Grade Design
- For bigger enclosure size adaptation and industrial grade

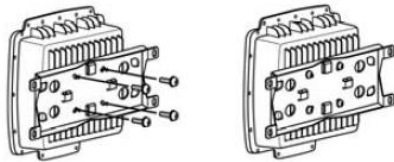
Mounting Installation Package Content



1. Vertical

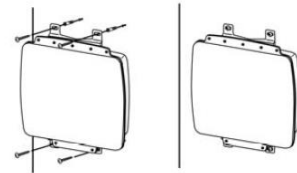


2. Horizontal



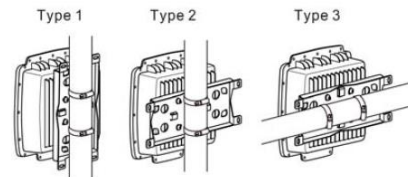
Attach the wall mount to back of GLB using M6x12 screws & washers.

Mounting For Wall



Fix the wall mount with AC/GLB to the wall using wood/gyprock screws.

Mounting For Pole



Fix the wall mount with GLB to the pole using stainless tie back straps.

