2.4 GHz 16DBI OMNIDIRECTIONAL ANTENNA

Frequency: 2400-2485 MHz Gain: 16 dBi

Electrical Data

Frequency Range	2400-2485 MHz
Bandwidth	85 MHz
Gain	16 dBi
Half-Power Beamwidth (Horizontal)	360 degree
Half-Power Beamwidth (Vertical)	7 degree
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Radiation Pattern	Omni directional
Connector Type	N female

Mechanical Data

Dimensions	1500 m
Weight	0.9 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr

2.4 GHz 8DBI OMNIDIRECTIONAL ANTENNA

Frequency: 2400-2485 MHz Gain: 8 dBi

Electrical Data

Frequency Range	2400-2485 MHz
Bandwidth	85 MHz
Gain	8 dBi
Half-Power Beamwidth (Horizontal)	360 degree
Half-Power Beamwidth (Vertical)	16 degree
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Radiation Pattern	Omni directional
Connector Type	N female

Mechanical Data

Dimensions	600 m
Weight	0.6 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr

2.4 GHz SECTOR PANEL ANTENNA

Frequency: 2400-2485 MHz   Gain: 16 dBi

Electrical Data

Frequency Range	2400-2485 MHz
Bandwidth	85 MHz
Gain	16 dBi
Half-Power Beamwidth (Horizontal)	120 degree
Half-Power Beamwidth (Vertical)	7 degree
Front-to-Back Ratio	> 25 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female or Customization

Mechanical Data

Dimensions	990 × 160 × 72 m
Weight	4.5 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr
Radome Material	Fiber Glass

2.4 GHz SECTOR PANEL ANTENNA

Frequency: 2400-2485 MHz　　Gain: 17 dBi

Electrical Data

Frequency Range	2400-2485 MHz
Bandwidth	85 MHz
Gain	17 dBi
Half-Power Beamwidth (Horizontal)	90 degree
Half-Power Beamwidth (Vertical)	7 degree
Front-to-Back Ratio	> 25 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female or Customization

Mechanical Data

Dimensions	990 × 160 × 72 m
Weight	4.5 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr
Radome Material	Fiber Glass

2.4 GHz SECTOR PANEL ANTENNA

Frequency: 2400-2485 MHz   Gain: 18 dBi

Electrical Data

Frequency Range	2400-2485 MHz
Bandwidth	85 MHz
Gain	18 dBi
Half-Power Beamwidth (Horizontal)	65 degree
Half-Power Beamwidth (Vertical)	7 degree
Front-to-Back Ratio	> 30 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	± 45°
Port Isolation	>= 30 dB
Cross Polar Ratio	>= 15 dB
Upper Side Lobe Suppression	>= 10 dB
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female or Customization

Mechanical Data

Dimensions	990 × 160 × 72 m
Weight	7.0 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr
Radome Material	Fiber Glass

2.4 GHz ALUMINUM DIE CAST GRID ANTENNA

Frequency: 2400-2485 MHz Gain: 15 dBi

Electrical Data

Frequency Range	2400-2485 MHz
Bandwidth	85 MHz
Gain	15 dBi
Half-Power Beamwidth (Horizontal)	16 degree
Half-Power Beamwidth (Vertical)	21 degree
Front-to-Back Ratio	> 20 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical / Horizontal
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female or Customization

Mechanical Data

Dimensions	300 × 400 m
Weight	1.3 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr

2.4 GHz ALUMINUM DIE CAST GRID ANTENNA

Frequency: 2400-2485 MHz Gain: 19 dBi

Electrical Data

Frequency Range	2400-2485 MHz
Bandwidth	85 MHz
Gain	19 dBi
Half-Power Beamwidth (Horizontal)	12 degree
Half-Power Beamwidth (Vertical)	16 degree
Front-to-Back Ratio	> 25 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical / Horizontal
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female or Customization

Mechanical Data

Dimensions	400 X 600 m
Weight	2.6 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr

2.4 GHz ALUMINUM DIE CAST GRID ANTENNA

Frequency: 2400-2485 MHz Gain: 24 dBi

Electrical Data

Frequency Range	2400-2485 MHz
Bandwidth	85 MHz
Gain	24 dBi
Half-Power Beamwidth (Horizontal)	9 degree
Half-Power Beamwidth (Vertical)	13 degree
Front-to-Back Ratio	> 25 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical / Horizontal
Lightning Protection	Direct Ground
Maximum Power	200 Watt
Connector Type	N female or Customization

Mechanical Data

Dimensions	600 × 900 m
Weight	3.6 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr

5.8 GHz SOLID DISH ANTENNA

Frequency: 5150-5875 MHz Gain: 23 dBi

Electrical Data

Frequency Range	5150-5875 MHz
Bandwidth	725 MHz
Gain	23 dBi
Half-Power Beamwidth (Horizontal)	10 degree
Half-Power Beamwidth (Vertical)	10 degree
Front-to-Back Ratio	> 25 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical / Horizontal
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female

Mechanical Data

Dimensions	Ø 0.3 m
Weight	1.9 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr

Please Note: 1. Specifications are subject to change without any notice.
2. Customized in-band and out of band versions are available on request.

5.8 GHz SOLID DISH ANTENNA

Frequency: 5150-5875 MHz **Gain: 29 dBi**

Electrical Data

Frequency Range	5150-5875 MHz
Bandwidth	7 MHz
Gain	29 dBi
Half-Power Beamwidth (Horizontal)	5 degree
Half-Power Beamwidth (Vertical)	7 degree
Front-to-Back Ratio	> 25 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical / Horizontal
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female or Customization

Mechanical Data

Dimensions	Ø 0.6 m
Weight	2.9 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr

5.8 GHz ALUMINUM DIE CAST GRID ANTENNA

Frequency: 5150-5875 MHz Gain: 24 dBi

Electrical Data

Frequency Range	5150-5875 MHz
Bandwidth	725 MHz
Gain	24 dBi
Half-Power Beamwidth (Horizontal)	10 degree
Half-Power Beamwidth (Vertical)	13 degree
Front-to-Back Ratio	> 20 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical / Horizontal
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female

Mechanical Data

Dimensions	0.3 X 0.4 m
Weight	1.3 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr

Please Note: 1. Specifications are subject to change without any notice.
2. Customized in-band and out of band versions are available on request.

5.1 GHz ALUMINUM DIE CAST GRID ANTENNA

Frequency: 5150-5875 MHz Gain: 27 dBi

Electrical Data

Frequency Range	5150-5875 MHz
Bandwidth	725 MHz
Gain	27 dBi
Half-Power Beamwidth (Horizontal)	6.5 degree
Half-Power Beamwidth (Vertical)	8 degree
Front-to-Back Ratio	> 25 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical / Horizontal
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female

Mechanical Data

Dimensions	0.4 X 0.6 m
Weight	2.6 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr

Please Note: 1. Specifications are subject to change without any notice.
2. Customized in-band and out of band versions are available on request.

5.1 GHz ALUMINUM DIE CAST GRID ANTENNA

## Frequency: 5150-5875 MHz		Gain: 29 dBi

Electrical Data

Frequency Range	5150-5875 MHz
Bandwidth	725 MHz
Gain	29 dBi
Half-Power Beamwidth (Horizontal)	6 degree
Half-Power Beamwidth (Vertical)	6 degree
Front-to-Back Ratio	> 25 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical / Horizontal
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female

Mechanical Data

Dimensions	0.6 X 0.9 m
Weight	3.6 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr

Please Note: 1. Specifications are subject to change without any notice.
2. Customized in-band and out of band versions are available on request.

5.7 GHz 12DBI OMNIDIRECTIONAL ANTENNA

Frequency: 5725-5850 MHz Gain: 12 dBi

Electrical Data

Frequency Range	5725-5850 MHz
Bandwidth	125 MHz
Gain	12 dBi
Half-Power Beamwidth (Horizontal)	360 degree
Half-Power Beamwidth (Vertical)	10 degree
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Radiation Pattern	Omni directional
Connector Type	N female

Mechanical Data

Dimensions	0.6 m
Weight	0.6 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr
Radome Material	Fiber Glass

Please Note: 1. Specifications are subject to change without any notice.
2. Customized in-band and out of band versions are available on request.

5.7 GHz 16DBI OMNIDIRECTIONAL ANTENNA

Frequency: 5725-5850 MHz Gain: 16 dBi

Electrical Data

Frequency Range	5725-5850 MHz
Bandwidth	125 MHz
Gain	16 dBi
Half-Power Beamwidth (Horizontal)	360 degree
Half-Power Beamwidth (Vertical)	7 degree
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Radiation Pattern	Omni directional
Connector Type	N female

Mechanical Data

Dimensions	0.7 m
Weight	0.7 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr
Radome Material	Fiber Glass

Please Note: 1. Specifications are subject to change without any notice.
2. Customized in-band and out of band versions are available on request.

5.7 GHz 8DBI OMNIDIRECTIONAL ANTENNA

Frequency: 5725-5850 MHz **Gain: 8 dBi**

Electrical Data

Frequency Range	5725-5850 MHz
Bandwidth	125 MHz
Gain	8 dBi
Half-Power Beamwidth (Horizontal)	360 degree
Half-Power Beamwidth (Vertical)	16 degree
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Radiation Pattern	Omni directional
Connector Type	N female

Mechanical Data

Dimensions	0.4 m
Weight	0.5 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr
Radome Material	Fiber Glass

Please Note: 1. Specifications are subject to change without any notice.
2. Customized in-band and out of band versions are available on request.

5.7 GHz PATCH PANEL ANTENNA

Frequency: 5725-5850 MHz Gain: 15 dBi

Electrical Data

Frequency Range	5725-5850 MHz
Bandwidth	125 MHz
Gain	15 dBi
Half-Power Beamwidth (Horizontal)	30 degree
Half-Power Beamwidth (Vertical)	30 degree
Front-to-Back Ratio	> 25 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical / Horizontal
Maximum Power	100 Watt
Connector Type	N female or Customization

Mechanical Data

Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr
Radome Material	ABS / ASA

Please Note: 1. Specifications are subject to change without any notice.
2. Customized in-band and out of band versions are available on request.

5.7 GHz PATCH PANEL ANTENNA

Frequency: 5725-5850 MHz   Gain: 23 dBi

Electrical Data

Frequency Range	5725-5850 MHz
Bandwidth	125 MHz
Gain	23 dBi
Half-Power Beamwidth (Horizontal)	10 degree
Half-Power Beamwidth (Vertical)	10 degree
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical / Horizontal
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female

Mechanical Data

Maximum Wind Velocity	200 km/hr
Radome Material	ABS / ASA

Please Note: 1. Specifications are subject to change without any notice.
2. Customized in-band and out of band versions are available on request.

5.7 GHz SECTOR PANEL ANTENNA

Frequency: 5725-5850 MHz Gain: 16 dBi

Electrical Data

Frequency Range	5725-5850 MHz
Bandwidth	125 MHz
Gain	16 dBi
Half-Power Beamwidth (Horizontal)	120 degree
Half-Power Beamwidth (Vertical)	8 degree
Front-to-Back Ratio	> 25 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female or Customization

Mechanical Data

Dimensions	480 X 160 X 72 m
Weight	2.0 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr
Radome Material	UPVC / Fiber Glass

Please Note: 1. Specifications are subject to change without any notice.
2. Customized in-band and out of band versions are available on request.

5.7 GHz SECTOR PANEL ANTENNA

## Frequency: 5725-5850 MHz		Gain: 17 dBi

Electrical Data

Frequency Range	5725-5850 MHz
Bandwidth	125 MHz
Gain	17 dBi
Half-Power Beamwidth (Horizontal)	90 degree
Half-Power Beamwidth (Vertical)	8 degree
Front-to-Back Ratio	> 25 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female or Customization

Mechanical Data

Dimensions	480 X 160 X 72 m
Weight	2.0 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr
Radome Material	UPVC / Fiber Glass

Please Note: 1. Specifications are subject to change without any notice.
2. Customized in-band and out of band versions are available on request.

5.7 GHz SECTOR PANEL ANTENNA

Frequency: 5725-5850 MHz Gain: 18 dBi

Electrical Data

Frequency Range	5725-5850 MHz
Bandwidth	125 MHz
Gain	18 dBi
Half-Power Beamwidth (Horizontal)	65 degree
Half-Power Beamwidth (Vertical)	8 degree
Front-to-Back Ratio	> 25 dB
VSWR	< 1.5
Input Impedance	50 Ohm
Polarization	Vertical
Lightning Protection	Direct Ground
Maximum Power	100 Watt
Connector Type	N female or Customization

Mechanical Data

Dimensions	480 X 160 X 72 m
Weight	2.0 kg
Mounting Mast Diameter	32 - 50 mm
Maximum Wind Velocity	200 km/hr
Radome Material	UPVC / Fiber Glass

Please Note: 1. Specifications are subject to change without any notice.
2. Customized in-band and out of band versions are available on request.