



BASE SECTOR ANTENNA

WiSector SA M0406-65-12X

WiSector SA M0406-65-12X is a **65 degrees sector antenna** dedicated for **TV Whitespace**. The antenna enables creating medium range links in outdoor environment (**IP67**). The set consists of highest quality solid mounting system. WiSector comes with two N Female connectors located at the bottom of the enclosure, the connectors are protected against watering by the special collar surrounding them. Due to material used for the antenna PCB, has better parameters than antennas available on the market. Neither hills nor buildings are a problem as **Whitespace** solution can handle them all.





Electrical specification

| | |
|-------------------------------|-----------------|
| Frequency | 0.47 - 0.63 GHz |
| Gain | 12 dBi |
| VSWR | <1.50 |
| Beamwidth | 65°/35° |
| Polarization | X |
| Cross-Polar Isolation | |
| Front-to-Back | > 25 dB |
| Separation between Connectors | |
| Impedance | 50 Ω |
| Max Input Power | 50 W |
| Lighting Protection | No |
| DC Ground | No |

Mechanic specification

| | |
|-----------------------|---|
| Dimensions | 38 x 88 x 16 cm 14.96 x 34.65 x 6.3 inch |
| Weight | 3.5 kg |
| Connector | 2xN Female |
| Material | PVC |
| Waterproof level | IP65 |
| Operating temperature | from -40°C to 70°C from -40°F to 158°F |
| Wind resistance | 160km/h |

Mounting Kit

| | |
|-----------------------|--|
| Dimensions | |
| Regulation Range | |
| Weight | |
| Most Dimensions Range | |
| Material | |

Plots

Features

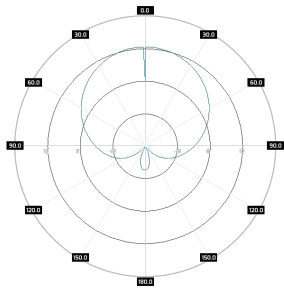
- › Gain for the frequency of 470 - 630 MHz
2x 12 dBi
- › Polarization X for the frequency of 470 - 630 MHz
- › 2 x Connector N Female
- › Big, ergonomic and voluminous **WiSector750** enclosure for radio equipment installation
- › Outdoor Waterproof Enclosure **WiSector750**
- › Designed and resistant for any weather conditions
- › 36 Warranty Months

Systems

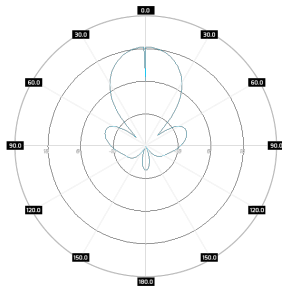
- › WiMAX - 700 MHz
- › GSM - 400 MHz

Applications

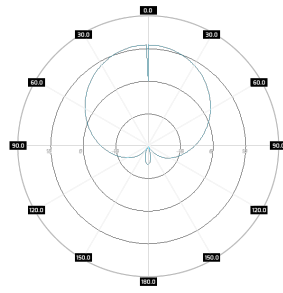
- › PtM Connections



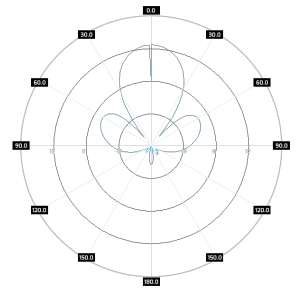
SA M0406-65-12X
Port 1, azimuth, 550MHz



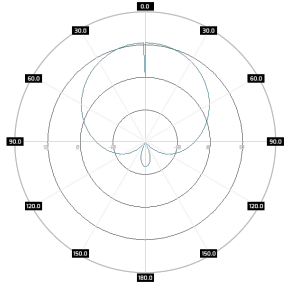
SA M0406-65-12X
Port 1, elevation, 550MHz



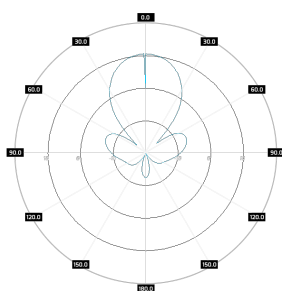
SA M0406-65-12X
Port 1, azimuth, 630MHz



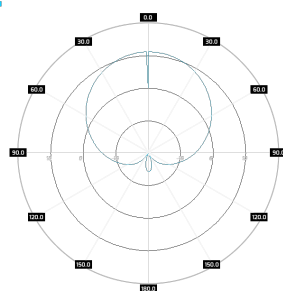
SA M0406-65-12X
Port 1, elevation, 630MHz



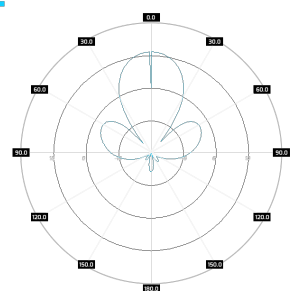
SA M0406-65-12X
Port 2, azimuth, 550MHz



SA M0406-65-12X
Port 2, elevation, 550MHz



SA M0406-65-12X
Port 2, azimuth, 630MHz



SA M0406-65-12X
Port 2, elevation, 630MHz