**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**: > 25 dB
- **Front-to-Back**: 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
- **Operating temperature**: from -40°C to 70°C
  from -40°F to 158°F
- **Wind resistance**: 160km/h

### Mounting Kit

- **Dimensions**
- **Regulation Range**
- **Weight**
- **Material**

### 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
- PIM Connections

### Plots