



## 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.

ROHS

UV  
RESISTANT



### 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	
Mast Dimensions Range	
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

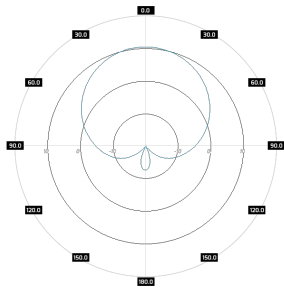
### Systems

- › WiMAX - 700 MHz
- › GSM - 400 MHz

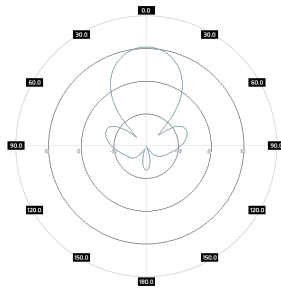
### Applications

- › PtM Connections

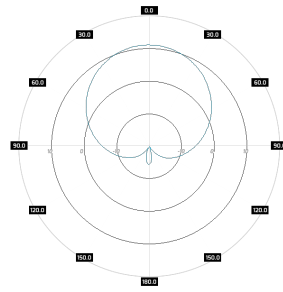
### Plots



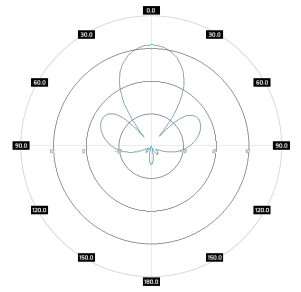
SA M0406-65-12X  
Port 1, azimuth, 550MHz



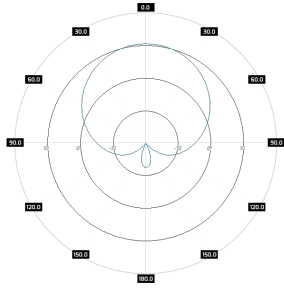
SA M0406-65-12X  
Port 1, elevation, 550MHz



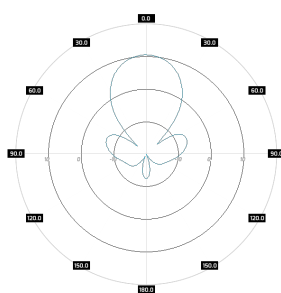
SA M0406-65-12X  
Port 1, azimuth, 630MHz



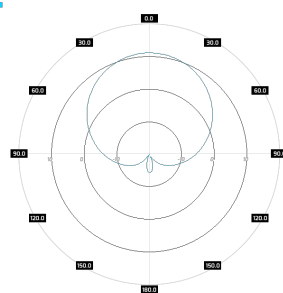
SA M0406-65-12X  
Port 1, elevation, 630MHz



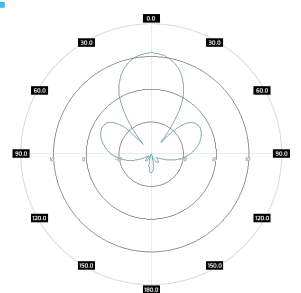
SA M0406-65-12X  
Port 2, azimuth, 550MHz



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



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



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