



## BASE SECTOR ANTENNA

# WiSector SA M0608-65-12X

**WiSector SA M0608-65-12X** 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, **WiSector SA M0608-65-12X** has better parameters than antennas available on the market. Neither hills nor buildings are a problem as solution can handle them all.

ROHS

UV  
RESISTANT

03  
PVC

### Electrical specification

Frequency	0.6 - 0.8 GHz
Gain	12 dBi
VSWR	<1.50
Beamwidth	65°/35°
Polarization	X
Cross-Polar Isolation	
Front-to-Back	> 23 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 600 - 800 MHz  
2x 12 dBi
- › Polarization X for the frequency of 600 - 800 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

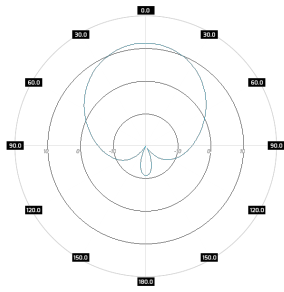
### Systems

- › LTE band - 12, 13, 14, 17, 28, 29, 44, 67, 68, 71, 85
- › WiMAX - 700 MHz

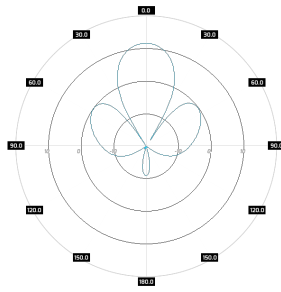
### Applications

- › PtM Connections

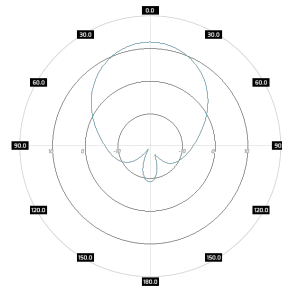
### Plots



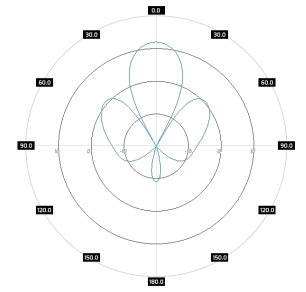
SA M0608-65-12X  
Port 1, azimuth, 700MHz



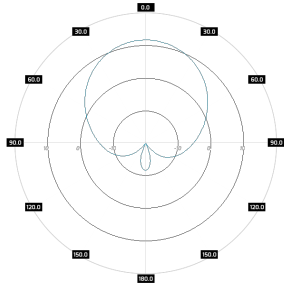
SA M0608-65-12X  
Port 1, elevation, 700MHz



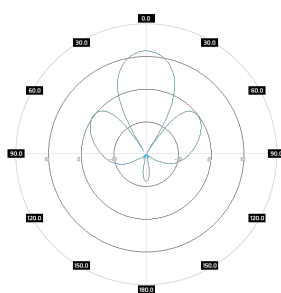
SA M0608-65-12X  
Port 1, azimuth, 800MHz



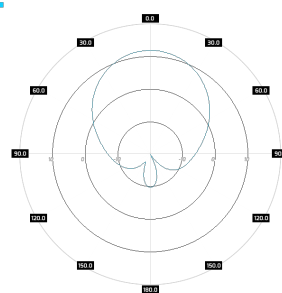
SA M0608-65-12X  
Port 1, elevation, 800MHz



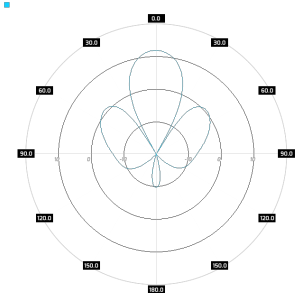
SA M0608-65-12X  
Port 2, azimuth, 700MHz



SA M0608-65-12X  
Port 2, elevation, 700MHz



SA M0608-65-12X  
Port 2, azimuth, 800MHz



SA M0608-65-12X  
Port 2, elevation, 800MHz