

## Omni-MIMO-S727

### Ceiling Surface Mount MIMO Omni 698-2700MHz

- True MIMO Omni Patterns
- Two 698-2700 MHz X-Pol Antennas Under One Radome
- High Gain Surface Mounted Antenna
- PIM Certified @ 2 X 20 Watts
- Suitable for LTE/CDMA/ UMTS/GSM/ WLANWmax/WCS/Neutral Host



## ELECTRICAL SPECIFICATIONS

| Frequency Band, MHz                              | 698-824  | 825-960 | 1695-2360 | 2361-2700 |
|--|----------|---------|-----------|-----------|
| Horizontal Beamwidth, 3dB points                 | 360°     | 360°    | 360°      | 360°      |
| Avg Gain, dBi                                    | 5.2      | 5.3     | 6.7       | 8.1       |
| VSWR Maximum / Return Loss, dB                   | 2/-10    | 2/-10   | 2/-10     | 2/-10     |
| Isolation, dB Isolation (Typical)                | >20      |         | >20       |           |
| Polarization                                     | Vertical |         | Vertical  |           |
| Intermodulation ( 2 X 10 W ) , IM3, dBc, Maximum | -150     |         | -150      |           |
| Impedance, ohms                                  | 50       |         | 50        |           |
| Maximum Power Per Connector, CW (w)              | 40       |         | 40        |           |

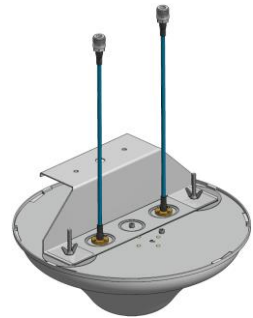
## MECHANICAL SPECIFICATIONS

|                           |   |
|---------------------------|---|
| Dimensions, Width/Depth   | 12.2 / 4.6 in (311/116 mm ) overall           |
| Connector (Quantity) Type | (2) Type N female, optional (2) 4.3-10 female |
| Connector Location        | Top   |
| Antenna Weight            | 1.5 lb (0.68 kg)                              |
| Radome Material           | Polypropylene                                 |
| Mounting                  | Surface Mount                                 |
| Application               | Indoor  |
| Operating Temperature     | -40° F to + 140° F (140 °C to + 60°C)         |

## Optional Ceiling Mount Bracket

### **Optional Mount Bracket 919057**

Mounting Omni-MIMO-S727 Antenna to hard surfaces



## ORDER INFORMATION

| MODEL            | DESCRIPTION   |
|------------------|---|
| Omni-MIMO-S727   | Surface Mount Omni MIMO antenna, V-POL, 698-2700MHz with " N " connectors 12" pigtail   |
| Omni-MIMO-S727-F | Surface Mount Omni MIMO antenna, V-POL,698-2700MHz with "4.3-10" connectors 12" pigtail |
| 919057           | Optional Hard Surface Mount Bracket   |

### Mechanical Outline Drawing

#### BOTTOM VIEW

