

## UWB-I 380-6000

Ultra Wideband Omnidirectional Antenna capable of supporting TETRA, GSM, DCS,PCS, UMTS, WiFi 2.4 and 5.6 GHz, 4G LTE, and WiMax.

### DESCRIPTION

- Low-profile DAS indoor antenna for the 380 - 6000 MHz band.
- Omnidirectional coverage.
- Provided with external coaxial cable with N-female connector.
- No need for external ground plane.



Ceiling mounted



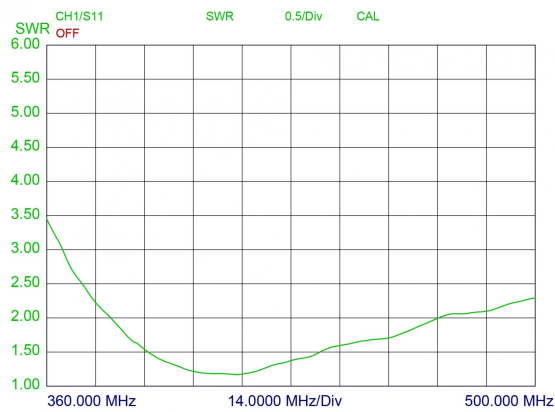
### ORDERING DESIGNATIONS

| TYPE           | PRODUCT NO.              |
|----------------|--------------------------|
| UWB-I 380-6000 | Contact for availability |

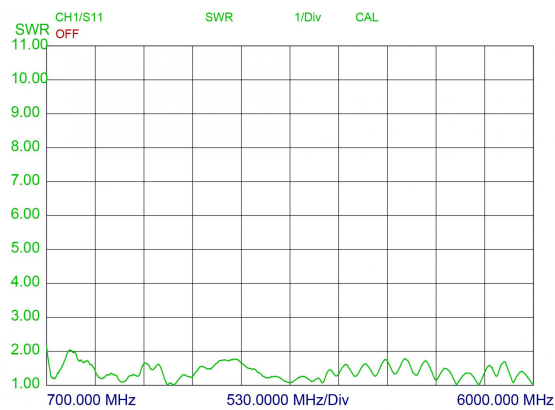
### SPECIFICATIONS

| ELECTRICAL    |                                                                |       |
|---------------|----------------------------------------------------------------|-------|
| MODEL         | UWB-I 380-6000                                                 |       |
| ANTENNA TYPE  | Low profile multiband                                          |       |
| FREQUENCY     | 380 - 6000 MHz                                                 |       |
| IMPEDANCE     | Nom. 50 Ω                                                      |       |
| POLARIZATION  | Linear (Vertical polarized)                                    |       |
| COVERAGE      | Omnidirectional                                                |       |
| GAIN          | Approx. 0 dBi                                                  |       |
| SWR           | TETRA (380-470 MHz)                                            | : ≤ 2 |
|               | 4G LTE (698-960 MHz) (2500-2700 MHz)                           | : ≤ 2 |
|               | GSM (880-960 MHz) (1710-1880 MHz)                              | : ≤ 2 |
|               | UMTS (1910-2200 MHz)                                           | : ≤ 2 |
|               | WiFi (2400-2500 MHz)                                           | : ≤ 2 |
|               | WiMax (5000-6000 MHz)                                          | : ≤ 2 |
| MAX. POWER    | 50 W                                                           |       |
| IM3           | < - 144 dBc (2 x 37 dBm)                                       |       |
| MECHANICAL    |                                                                |       |
| TEMP. RANGE   | -30° C → +70° C                                                |       |
| MATERIALS     | Radome: Lexan (white)<br>Chassis : Aluminium<br>Cable : RG 400 |       |
| COLOUR        | White                                                          |       |
| CONNECTOR     | N-female                                                       |       |
| HEIGHT        | 146 mm (ex. connector)                                         |       |
| WIDTH / DEPTH | 107 / 325 mm                                                   |       |
| WEIGHT        | Approx. 650 g                                                  |       |

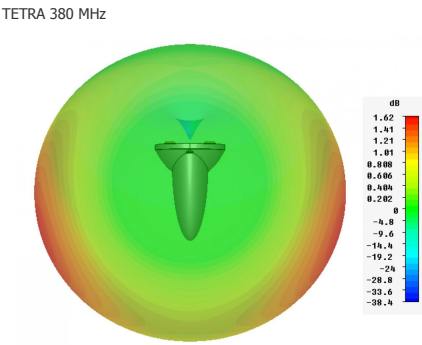
TYPICAL SWR CURVE (360-500 MHz)



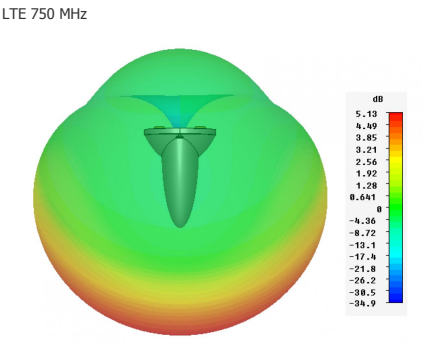
TYPICAL SWR CURVE (700-6000 MHz)



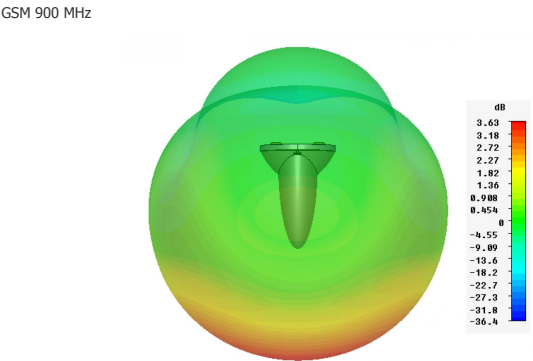
3D Gain Plot



3D Gain Plot

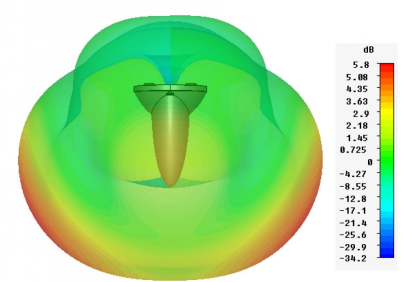


3D Gain Plot



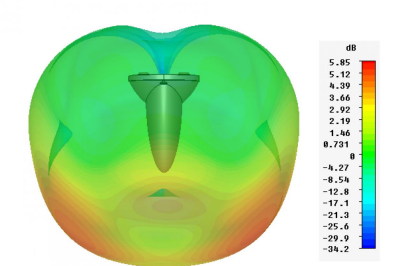
3D Gain Plot

GSM 1710 MHz



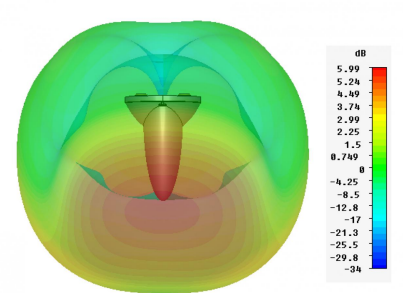
3D Gain Plot

LTE 2600 MHz



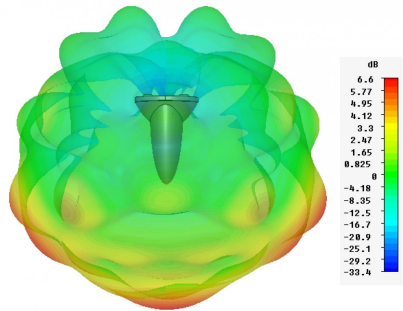
3D Gain Plot

GSM 1850 MHz



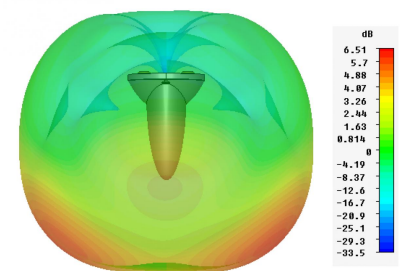
3D Gain Plot

WIMAX 5500 MHz



3D Gain Plot

UMTS 2100 MHz



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02/03/15

3D Gain Plot

WIFI 2400 MHz

