

## 1700 - 4200 MHz

## 3G/4G/5G/PRIVATE 5G MULTI-BEAM ANTENNA

### OVERVIEW

The TD300F1700 is a high-gain, directional beam-tracking antenna designed for the terrestrial network connectivity including Private 5G. It can be used as a flexible base-station antenna (for Private 5G), on mobility platforms (e.g. coaches, HGVs and trains) and as part of distributed antenna systems. It comes with 8 RG316 cables, with each connected to a high-gain directional beam, the TD300F1700 ensures reliable connectivity to distant cellular towers—achieving coverage that is often unattainable with omnidirectional antennas or standard mobile devices.

Highly versatile, the TD300F1700 can be deployed in a wide range of scenarios to eliminate coverage gaps and significantly boost cellular connectivity.

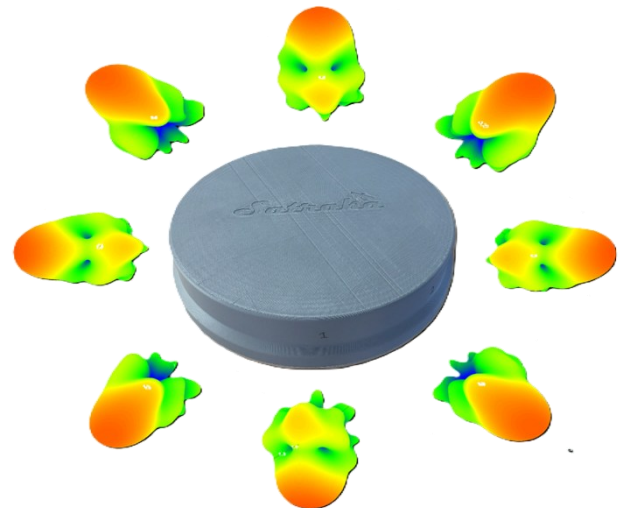
### KEY FEATURES

- High performance, greater than four times higher RSSI (radio signal strength index) compared to omnidirectional antenna
- Directional high-gain beams
- Versatile beam configuration, supporting directional, sectoral beam and omnidirectional beam based on needs
- MIMO compatible
- Low SWaP (size, weight and power)
- Low PIM

### CONTACT US

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### PRODUCT IMAGES



### SPECIFICATIONS

Parameters	Specifications
Frequency range	1710 – 4200 MHz
Max Gain	7 dBi
Impedance	50 ohms
VSWR	Typical 2:1, worst 3:1
Polarization	Vertical
Max input power	10 watts
E-plane beamwidth	50 °
H-plane beamwidth	60 °
Number of beams	8
Connector	8x SMA Male on 23" Cables
Dimension	Dia 265 x H 105 mm (not including cables)
Weight	1.4 kg