



▶ Unit A, 11F, Wing Hong Centre, 18 Wing Hong St., Kowloon, Hongkong



▶ 238, Alameda Dr. Carlos d'Assumpcao, Ed. Praca Kin Heng Long, 20G, Macau

# Data sheet

## The 700— 6000MHz **LTE4G READY** Invisible Antenna DTQJ-0760LTE

### Why is it Invisible ?

Our invisible antenna is one of our best selling items. This is mounted from above the false ceiling and only the 'smoke detector' shape is seen by the users. Making the antenna invisible

### How does it help Data service for 3G / 4G ?

This actually allows you to have the dipole below the ceiling for maximum Data performance, while it is so low profile that does not make users think that there is an antenna. Since the dipole is below ceiling, it will not be blocked by builder materials. These materials are often made of metal which reduces available radio signal strength and caused reflection and diffraction. By using the Invisible Antenna, the maximum **Signal to Noise Ratio** and **Signal Strength** are achieved to allow best Voice Quality and Data Throughput.

### Why is the Invisible Antenna best for 3G / 4G?

We have now upgraded this Invisible Antenna to support 700 MHz to 6000 MHz, covering the 4G / LTE frequencies. By using this antenna, the building is future proof. If an upgrade is required you are ensured that the antenna can continue be used to support the next technology.



**Backplate**  
**Invisible Antenna**

This is part of the product design and cannot be tampered, however you do not need to worry, because you can cut a 95mm hole on the false ceiling and install the antenna on top of the false ceiling. The backplate will be covered by the ceiling and all that is exposed is the [smoke detector], also included is a **rubber ring** that will cover the crack around the smoke detector so the after installation will look like this:





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| Model                 | DTQJ-0760YGA            |         |           |           |           |           |
|-----------------------|-------------------------|---------|-----------|-----------|-----------|-----------|
| Frequency Range (MHz) | 700~800                 | 800~960 | 1425~1700 | 1700~3100 | 3100~3450 | 5150~6000 |
| VSWR                  | ≤ 3                     | ≤1.5    | ≤1.8      | ≤1.5      | ≤2.5      | ≤2        |
| Gain (dBi)            | 2.0                     | 2.5     | 3         | 3         | 3         | 3.5       |
| Impedance(Ω)          | 50                      |         |           |           |           |           |
| Polarisation          | Vertical                |         |           |           |           |           |
| Maximum Power (W)     | 100                     |         |           |           |           |           |
| Connector Location    | Bottom                  |         |           |           |           |           |
| Connector Type        | N female                |         |           |           |           |           |
| Dimension (mm)        | Φ94×83 (Reflector Φ254) |         |           |           |           |           |
| Weight (Kg)           | 0.7                     |         |           |           |           |           |

Now you can install the antenna below ceiling without having to argue with interior designers!

