

# Aerials

## UHF aerials

### LAMBDA LTE Series

High performance aerials with F connector. The design of the connector cap and dipole clamp offer great protection. They are characterised by their excellent mechanical reflector sturdiness, high front-to-back ratio, good return loss and high gain. Mast clamp and joints of the boom are pre-assembled for easy installation. These aerials are also equipped with large wing nut bolt screws for excellent clamping.



▶ LAMBDA 9 LTE

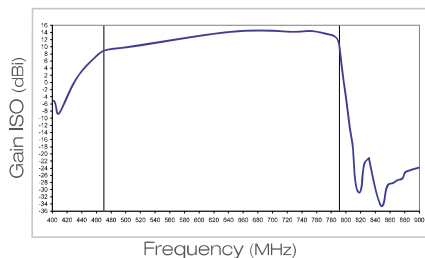


▶ LAMBDA 14 LTE

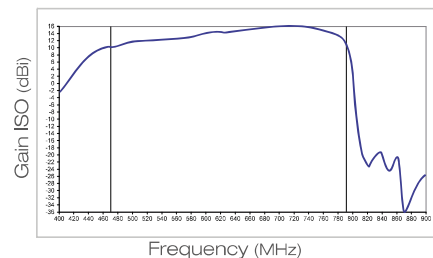
| Item  |        | LAMBDA 9 LTE | LAMBDA 14 LTE |
|---|--------|--------------|---------------|
| Code  |        | 213057       | 213058        |
| Elements                                    | No.    | 9            | 14            |
| Band  |        | UHF          | UHF           |
| Channels                                    |        | E21-E60      | E21-E60       |
| Bandwidth                                   | MHz    | 470-790      | 470-790       |
| Maximum gain                                | dBi    | 14.5         | 16            |
| Front-to-back ratio                         | dB     | 24           | 26            |
| Return loss                                 | dB     | -12          | -14           |
| Beamwidth (-3dB)                            | °      | +/- 26       | +/- 20        |
| Wind load at 120Km/h (720N/m <sup>2</sup> ) | Kg (N) | 15 (147.15)  | 17.5 (171.67) |
| Connector                                   | type   | F            | F             |
| Impedance                                   | Ohm    | 75           | 75            |
| Maximum mast Ø                              | mm     | 55           | 55            |
| Dimensions (L x W)                          | cm     | 152x50       | 177x50        |
| <b>Packaging</b>                            |        |              |               |
| Quantity                                    | Pcs    | 1            | 1             |
| Unit weight                                 | Kg     | 2.72         | 3.38          |
| Total weight                                | Kg     | 2.72         | 3.38          |
| <b>Accessories</b>                          |        |              |               |
| Horizontal polarisation                     |        |              | Included      |
| Horizontal polarisation with tilt adj.      |        |              | Included      |
| Vertical polarisation                       |        |              | Included      |
| Vertical polarisation with tilt adj.        |        |              | Included      |
| Auxiliary boom                              |        | N/A          | Included      |

### Gain

LAMBDA 9 LTE

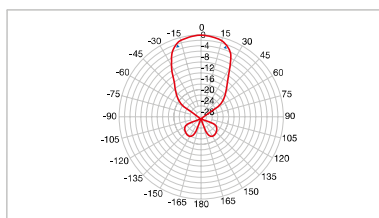


LAMBDA 14 LTE



### Pattern

LAMBDA 9 LTE



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