

LP45NF LTE

UHF Aerials



High performance Log-periodic pre-assembled aerials for UHF band characterized by extremely easy connection due to the F connector being located near the mast clamp.

Technical Chars

- Thanks to the special pole mount, the aerial can be installed in both vertical and horizontal **polarisation without adaptors** or other accessories.
- **The geometric distribution of the dipoles** has been **redesigned** to achieve excellent filtering for interfering signals in the 4G LTE band above 790 MHz reserved for mobile telephony.
- It features excellent mechanical resistance to fixing the elements to the cradle, excellent mechanical resistance to rotation on the pole, and good electrical performance.
- The F connector is protected by a bayonet connector cover.
- **White colour aerial.**

| LP45NF LTE | | |
|---|--------|---------------|
| Code | | 216250 |
| Elements | | 15+15 |
| Band | | UHF |
| Channel | | E21-E60 |
| Bandwidth | MHz | 470-790 |
| Gain | dBi | 11.5 |
| Front/Back ratio | dB | 36 |
| Return loss | dB | -15 |
| Beam width (3dB) | ° | ±25 |
| Wind load 120Km/h 729N/m ² | Kg (N) | 3.0 (29.4) |
| Connector | | F |
| Impedence | Ohm | 75 |
| Max mast diameter | mm | 60 |
| Dimensions | cm | 115 x 86 |
| Accessories | | |
| Horizontal polarization | | Including |
| Horizontal polarization tilt adjustment | | PV10 (210011) |
| Vertical polarization | | Including |

| | | |
|---------------------------------------|----|------------------|
| Vertical polarization tilt adjustment | | PV10 (210011) |
| Auxiliary boom | | N.P. |
| Dimensions and packaging | | |
| Pieces | | 20 |
| EAN code | | 8016978099351 |
| Multiple EAN | | 8016978099412 |
| Packaging dimensions | mm | 1180 x 815 x 320 |
| Packaging weight | Kg | 18.2 |
| Unit weight | Kg | 0.88 |
| Total weight | Kg | 18.0 |

Gain (x: MHz frequency, y: ISO dBi gain) and Pattern (@790MHz)

