

LP45NF 5G

UHF Aerials



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 antenna can be installed in both vertical and horizontal **polarisation without adapters** or other accessories.
- **The geometric distribution of the dipoles** has been **redesigned** to achieve excellent filtering for interfering signals in the 5G and 4G LTE band above 694 MHz reserved for mobile telephony.
- It features excellent mechanical resistance for 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** antenna.

| LP45NF 5G | | |
|---|--------|---------------|
| Code | | 216252 |
| Elements | n° | 15+15 |
| Band | | UHF |
| Channel | | E21-E48 |
| Bandwidth | MHz | 470-694 |
| Gain | dBi | 12.5 |
| 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 mastdiameter | mm | 60 |
| Dimensions | cm | 115 x 32 |
| Accessories | | |
| Horizontal polarization | | Included |
| Horizontal polarization Tilt adjustment | - | PV10 (210011) |

| | | |
|---------------------------------------|------------|------------------|
| Vertical polarization | | Included |
| Vertical polarization Tilt adjustment | - | PV10 (210011) |
| Auxiliary boom | | N.P. |
| Dimensions and packaging | | |
| Pcs | | 30 |
| EAN code | | 8016978104727 |
| Packaging dimensions | mm - LxWxH | 770 x 1200 x 420 |
| Packaging weight | Kg | 26.4 |
| Unit weight | Kg | 0.90 |
| Total weight | Kg | 27.3 |

Gain (x: MHz frequency, y: ISO dBi gain) and Pattern (@600MHz)

