

## 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 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 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 aerial.**

LP45NF 5G		
Code		216252
Elements		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 <sup>2</sup>	kg (N)	3.0 (29.4)
Connector		F
Impedence	Ω	75
Max mast diameter	mm	60
Dimensions	cm	115 x 32
Accessories		
Horizontal polarisation		Included
Horizontal polarisation tilt adjustment		PV10 (210011)
Vertical polarisation		Included

Vertical polarisation tilt adjustment		PV10 (210011)
Auxiliary boom		-
<b>Dimensions and packaging</b>		
Pieces		30
EAN code		8016978104413
Multiple EAN		8016978104727
Packaging dimensions	mm	770 x 1200 x 420
Unit weight	kg	0.90
Total weight	kg	26.4

### Gain (x: MHz frequency, y: ISO dBi gain) and Polar diagram (@600MHz)

