

## LP45F LTE

### 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 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.**

LP45F LTE		
Code		216249
Elements		14+14
Band		UHF
Channel		E21-E60
Bandwidth	MHz	470-790
Gain	dBi	11
Front/Back ratio	dB	36
Return loss	dB	-15
Beam width (3dB)	°	±28
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	99 x 32
Accessories		
Horizontal polarisation		Including
Horizontal polarisation tilt adjustment		PV10 (210011)
Vertical polarisation		Including

Vertical polarisation tilt adjustment		PV10 (210011)
Auxiliary boom		N.P.
<b>Dimensions and packaging</b>		
Pieces		15
EAN code		8016978099368
Multiple EAN		8016978099399
Packaging dimensions	mm	1000 x 810 x 250
Packaging weight	kg	13.2
Unit weight	kg	0.80
Total weight	kg	13.2

### Gain (x: MHz frequency, y: ISO dBi gain) and Polar diagram (@790MHz)

