

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 ²	kg (N)	3.0 (29.4)
Connector		F
Impedence	Ohm	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.
Dimensions and packaging		
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)

