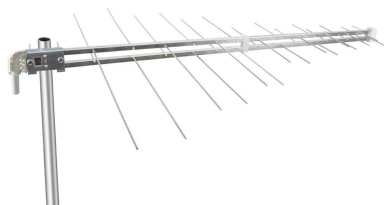


## LP345F LTE

### Combo Aerials



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

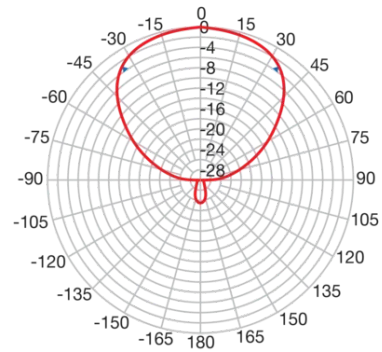
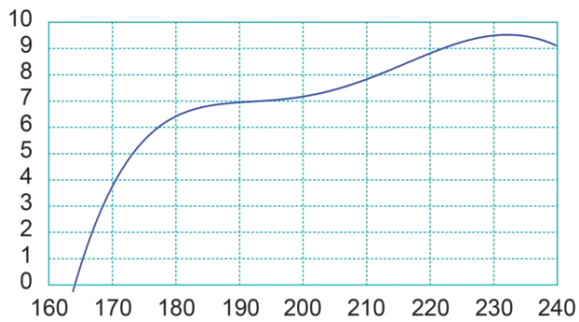
### Technical Chars

- 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.**

LP345F LTE		
Code		216270
Elements		16+16
Band		3+DAB / UHF
Channel		E5-E12 + DAB / E21-E60
Bandwidth	MHz	174-240 / 470-790
Gain	dBi	9.5 / 11
Front/Back ratio	dB	24 / 32
Return loss	dB	-16 / -16
Beam width (3dB)	°	±34 / ±31
Wind load 120Km/h 729N/m <sup>2</sup>	Kg (N)	3.9 (38.2)
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.
<b>Dimensions and packaging</b>		
Pieces		20
EAN code		8016978099047
Multiple EAN		8016978099122
Packaging dimensions	mm	1100 x 1100 x 420
Packaging weight	Kg	20
Unit weight	Kg	1.12
Total weight	Kg	22.9

## Gain (x: MHz frequency, y: ISO dBi gain) and Polar diagram (@200MHz)



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

