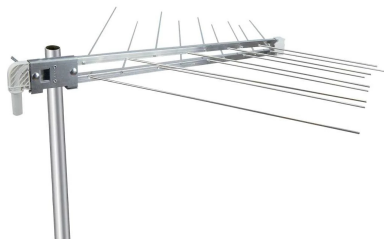


## LPV345F LTE

### Combo Aerials



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

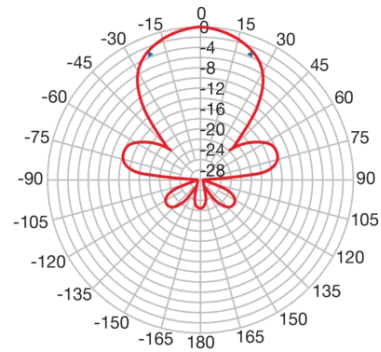
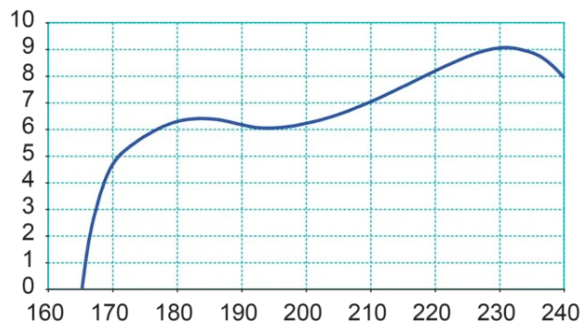
### Technical Chars

- 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.**

LPV345F LTE		
Code		217250
Elements		9+9
Band		3+DAB / UHF
Channel		E5-E12 + DAB / E21-E60
Bandwidth	MHz	174-240 / 470-790
Gain	dBi	9 / 11.5
Front/Back ratio	dB	24 / 22
Return loss	dB	-18 / -13
Beam width (3dB)	°	±23 / ±21
Wind load 120km/h 729N/m <sup>2</sup>	kg (N)	2.8 (27.5)
Connector		F
Impedence	Ω	75
Max mast diameter	mm	60
Dimensions	cm	75 x 79
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		20
EAN code		8016978099498
Multiple EAN		8016978099603
Packaging dimensions	mm	745 x 745 x 675
Packaging weight	kg	17
Unit weight	kg	0.85
Total weight	kg	17.5

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



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

