

LP45NF LTE



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

Due to the specific mast clamp these aerials can be assembled in **vertical or horizontal polarisation without additional accessories**

Geometrical dipole distribution has been **redesigned** in order to obtain a good LTE filtering.

- Preassembled Log-periodic antennas characterized by extreme ease of connection thanks to the connector located near the attachment to the mast.
- The care taken in the design is also reflected in the special connection of the dipole which guarantees contact reliability over time.
- Thanks to the special mast attachment, the antenna can be installed both in vertical and horizontal polarization without adapters or other accessories.
- They are equipped with excellent mechanical resistance for fixing the elements to the cradle, excellent mechanical resistance to rotation on the mast, good electrical performance.
- The F connector is protected by a connector cover with bayonet coupling.
- The geometric distribution of the dipoles has been redesigned to obtain excellent filtering for the interfering LTE band signals reserved for mobile telephony

		LP45NF LTE
Code		216250
Elements	no.	15+15
Band		UHF
Channel		E21-E60
Bandwidth	MHz	470-790
Gain	dBi	11.5
Front/Back ratio	dB	36
Return loss	dB	-15
Beam width (-3dB)	°	±25
Wind load at 120km/h (720N/m ²)	kg (N)	3.0 (29.43)
Connector	Type	F
Impedance	Ω	75
Max mast (Ø)	mm	60
Dimensions (L x H)	cm	116 x 86
Quantity Master box	pcs	20
Unit weight	kg	0.88
Total weight	kg	18
Accessories		
Horizontal polarization		Included
Horizontal polarization Tilt adjustment		PV10 (210011)
Vertical polarization		Included
Vertical polarization Tilt adjustment		PV10 (210011)
Auxiliary boom		N/A