

LP45F700MINI

UHF Aerials

Log-periodic MINI 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 5G and 4G LTE band above 694 MHz reserved for mobile telephony.
- It features excellent mechanical resistance for 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.
- Black colour aerial.

Elements 10+10	LP45F700MINI	LP45F700MINI				
Band UHF Channel E21-E48 Bandwidth MHz 470-694 Gain dBi 9 Front/Back ratio dB 30 Return loss dB -15 Beam width (3dB) * ±30 Wind load 120km/h 729N/m² kg (N) 2.7 (26.5) Connector F Impedence Ω 75 Max mast diameter mm 60 Dimensions cm 44 x 36 Accessories Horizontal polarisation Included Horizontal polarisation tilt adjustment PV10 (210011) Vertical polarisation tilt adjustment PV10 (210011) Vertical polarisation tilt adjustment PV10 (210011) Auxillary boom - Dimensions and packaging 30	Code		216256			
Channel E21-E48 Bandwidth MHz 470-694 Gain dBi 9 Front/Back ratio dB 30 Return loss dB -15 Beam width (3dB) * ±30 Wind load 120km/h 729N/m² kg (N) 2.7 (26.5) Connector F Impedence Ω 75 Max mast diameter mm 60 Dimensions cm 44 x 36 Accessories Horizontal polarisation Included Horizontal polarisation tilt adjustment PV10 (210011) Vertical polarisation tilt adjustment PV10 (210011) Auxillary boom - Dimensions and packaging Pieces 30	Elements		10+10			
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Seal H with (SdB) SdB S	Return loss	dB	-15			
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Impedence Ω 75 Max mast diameter mm 60 Dimensions cm 44 x 36 Accessories Horizontal polarisation Included Horizontal polarisation tilt adjustment Vertical polarisation Uncluded Vertical polarisation tilt adjustment PV10 (210011) Included PV10 (210011) Auxiliary boom - Dimensions and packaging Pieces 30	Wind load 120km/h 729N/m²	kg (N)	2.7 (26.5)			
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Dimensions cm 44 x 36 Accessories Horizontal polarisation Included Horizontal polarisation tilt adjustment Vertical polarisation Uncluded Vertical polarisation tilt adjustment PV10 (210011) Auxiliary boom - Dimensions and packaging Pieces 30	Impedence	Ω	75			
Accessories Horizontal polarisation Included Horizontal polarisation tilt adjustment Vertical polarisation Vertical polarisation tilt adjustment Auxiliary boom Dimensions and packaging Pieces 30	Max mast diameter	mm	60			
Horizontal polarisation Included Horizontal polarisation tilt adjustment PV10 (210011) Vertical polarisation Included Vertical polarisation tilt adjustment PV10 (210011) Auxiliary boom - Dimensions and packaging Pieces 30	Dimensions	cm	44 x 36			
Horizontal polarisation tilt adjustment Vertical polarisation Vertical polarisation tilt adjustment PV10 (210011) Included PV10 (210011) Auxiliary boom - Dimensions and packaging Pieces 30	Accessories					
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Auxiliary boom - Dimensions and packaging Pieces 30	Vertical polarisation		Included			
Dimensions and packaging Pieces 30	Vertical polarisation tilt adjustment		PV10 (210011)			
Pieces 30	Auxiliary boom		-			
	Dimensions and packaging					
EAN code 8016978104093	Pieces		30			
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Multiple EAN		8016978104277
Unit weight	kg	0.50
Total weight	kg	15.0

Gain (x: MHz frequency, y: ISO dBi gain) and Polar diagram (@600MHz)



