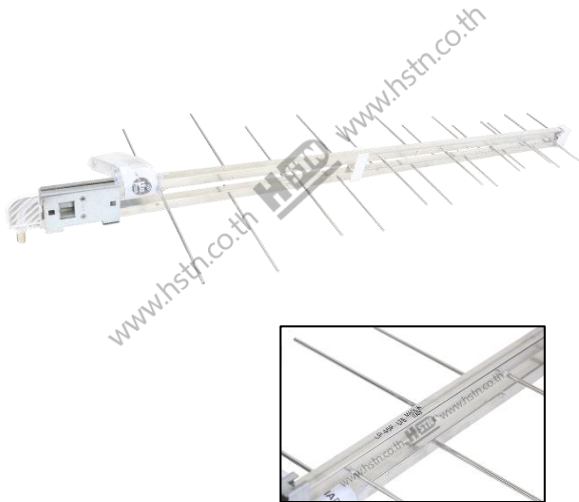




LP45F LTELog Periodic Aerials LP LTE Series

LP45F LTE

SKU : AT0120AAX0001



The **Fracarro LP45F LTE Log Periodic Aerials** is variant of the LP LTE Series.

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

High level design of the dipole connection guarantees a highly reliable RF contact. Due to the specific mast clamp these aerials can be assembled in vertical or horizontal polarization without additional accessories.

They are characterized by excellent mechanical clamp resistance of the boom elements, excellent mechanical resistance at the rotation around the mast and good electrical performances.

F connector is protected by a cap with bayonet clamp.

These aerials have been redesigned in order to obtain a good LTE filtering against LTE interfering signals reserved to mobile communications.

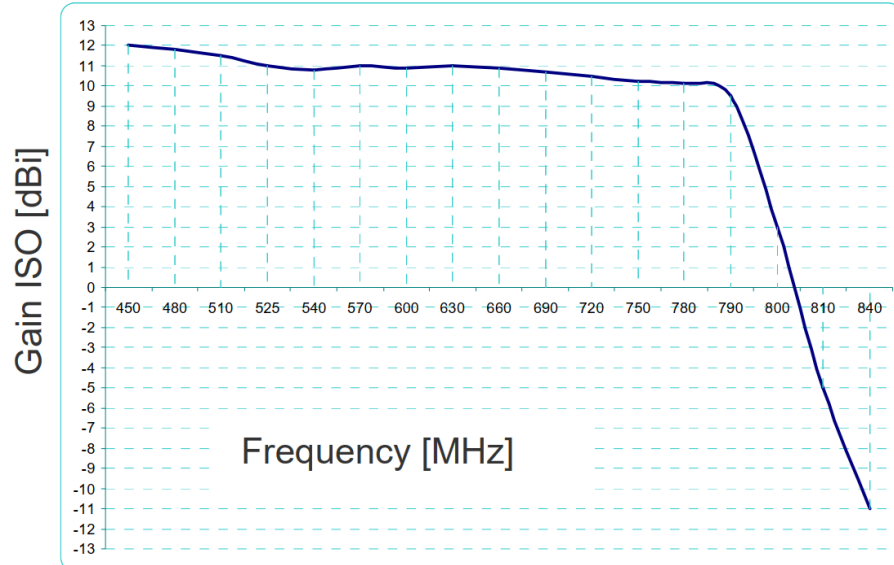
Main Specifications

- Log-periodic pre-assembled
- 75 Ohm impedance
- F connector
- Both vertical and horizontal polarization without additional accessories

LP LTE Series	Unit	LP45F LTE
Fracarro code		216249
Elements	No.	6
Band		UHF
Channels		E21-E60
Technical Characteristics		
Bandwidth	MHz	470-790
Maximum Gain	dBi	11
Front-to-back ratio	dB	36
Return loss	dB	-15
Beamwidth (-3dB)	°	±25
Impedance	Ohm	75
Mechanical Characteristics		
Nr of elements		14+14
Dimensions (L x L)	cm	99 x 32
Maximum mast diameter (Ø)	mm	60
Wind load at 120 Km/h (720N/m ²)	Kg (N)	3.0 (29.43)
Connector	Type	F
Accessories		
Horizontal polarization		Included
Horizontal polarization with tilt adj.		PV10
Vertical polarization		Included
Vertical polarization with tilt adj.		PV10
Auxiliary boom		Not preset

LP45F LTE Log Periodic Aerials LP LTE Series

GAIN (Band UHF)
 X: Frequency (MHz)
 Y: gain ISO (dBi)



DIRECTIVITY
 (Band UHF)

