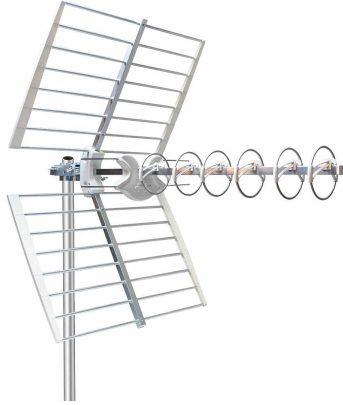


## ALPHA10LTE700

### UHF Aerials



UHF 5-element loop Yagi aerial with F-connector, 5G and 4G LTE filter and tube reflector

### Technical Chars

- Pre-assembled directors, radiator and reflectors snap onto a slide already present on the cradle; **assembly** is completed **without** the need for any **tools**.
- Special attention was paid to the choice of materials to achieve higher **robustness**.
- High gain, excellent impedance matching and **excellent directivity**.
- Innovative pole mount with zenith adjustment as standard and **butterfly nuts** for **tightening without the need for any tools**.
- A **5G filter** has been inserted into the dipole radiator to guarantee the quality of the distributed signal and achieve excellent filtering of **5G and 4G interfering** signals in the LTE band (694-860 MHz) reserved for mobile telephony.
- Exclusive design **patented by Fracarro**.

ALPHA10LTE700		
Code		213243
Elements		6
Band		UHF
Channel		E21-E48
Bandwidth	MHz	470-694
Gain	dBi	15.5
Front/Back ratio	dB	30
Return loss	dB	-18
Beam width (3dB)	°	±22
Wind load 120Km/h 729N/m <sup>2</sup>	Kg (N)	10.2 (100.0)
Connector		F
Impedence	Ohm	75
Max mast diameter	mm	60
Dimensions	cm	91 x 54
Accessories		
Horizontal polarisation		Including

Vertical polarisation		Including
Vertical polarisation tilt adjustment		Including
Auxiliary boom		-
<b>Dimensions and packaging</b>		
Packing		Single in carton
Pieces		20
EAN code		8016978109920
Multiple EAN		8016978109937
Unit weight	Kg	2.00
Total weight	Kg	49,0

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

