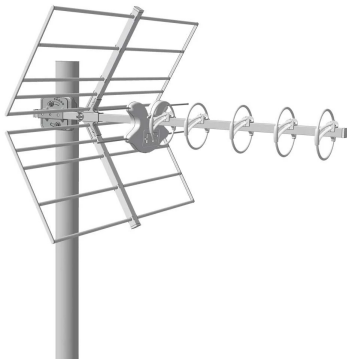


ALPHA5+ LTE700

UHF Aerials



5 elements UHF band Loop Yagi aerial complete with F connector 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 a knurled surface for optimum strength and hold to the pole, and a **butterfly nut** for **tightening without the need for any tools**.
- An **LTE filter** has been inserted into the dipole radiator to guarantee the quality of the distributed signal and to 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**.

ALPHA5+ LTE700		
Code		213225
Elements		5
Band		UHF
Channel		E21-E48
Bandwidth	MHz	470-694
Gain	dBi	14.2
Front/Back ratio	dB	38
Return loss	dB	-18
Beam width (3dB)	°	±22
Wind load 120km/h 729N/m²	kg (N)	7.7 (75.5)
Connector		F
Impedence	Ω	75
Max mast diameter	mm	60
Dimensions	cm	81 x 58
Accessories		
Horizontal polarisation		Included

Vertical polarisation		Included
Vertical polarisation tilt adjustment		Included
Auxiliary boom		-
Dimensions and packaging		
Pieces		12
EAN code		8016978100163
Unit weight	kg	1.70
Total weight	kg	23.1

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

