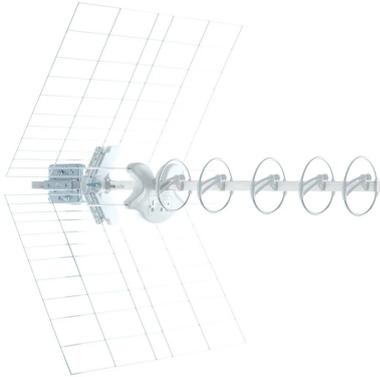


ALPHA 5HD 700

UHF Aerials



UHF 5-element loop Yagi aerial with F-connector, 5G and 4G LTE filter and grid 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**.
- 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**.

ALPHA 5HD 700		
Code		213240
Elements		5
Band		UHF
Channel		E21-E48
Bandwidth	MHz	470-694
Gain	dBi	13.5
Front/Back ratio	dB	38
Return loss	dB	-18
Beam width (3dB)	°	±22
Wind load 120km/h 729N/m ²	kg (N)	5.7 (55.9)
Connector		F
Impedence	Ω	75
Max mast diameter	mm	60
Dimensions	cm	81 x 50
Accessories		
Horizontal polarisation		Included

Vertical polarisation		Included
Vertical polarisation tilt adjustment		Included
Dimensions and packaging		
Packing		Single in tray
Pieces		10
EAN code		8016978106059
Multiple EAN		8016978106196
Unit weight	kg	1.94
Total weight	kg	21.7

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

