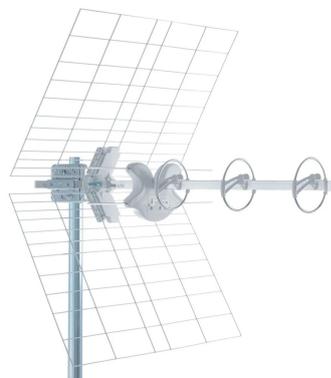


ALPHA 3HD LTE

UHF Aerials



3 elements UHF band Loop Yagi aerial complete with F connector 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**.
- An **LTE filter** has been inserted into the dipole radiator to guarantee the quality of the distributed signal and to obtain excellent filtering of **4G interfering** signals in the LTE band (790-860 MHz) reserved for mobile telephony.
- Exclusive design **patented by Fracarro**.

ALPHA 3HD LTE		
Code		213217
Elements		3
Band		UHF
Channel		E21-E60
Bandwidth	MHz	470-790
Gain	dBi	13
Front/Back ratio	dB	38
Return loss	dB	-18
Beam width (3dB)	°	±25
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	71 x 50
Accessories		
Horizontal polarisation		Including

Vertical polarisation		Including
Vertical polarisation tilt adjustment		Including
Dimensions and packaging		
Packing		Single in tray
Pieces		10
EAN code		8016978092574
Multiple EAN		8016978092659
Unit weight	kg	1.80
Total weight	kg	20.3

Gain (x: MHz frequency, y: ISO dBi gain) and Polar diagram (@790MHz)

