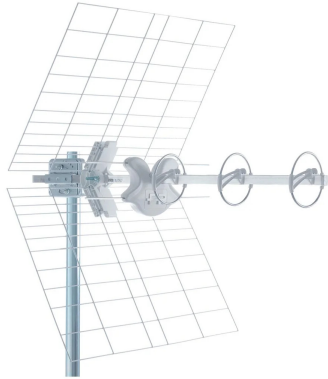


## ALPHA 3HD LTE

### 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 <sup>2</sup>	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
Auxiliary boom		N.P.
<b>Dimensions and packaging</b>		
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)**

