

SIGMA6HD LTE700

UHF Aerials



6 elements Loop Yagi UHF band aerial with F connector.

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 and **extraordinary directivity with almost no side lobes**.
- Innovative pole mount with zenith adjustment as standard and knurled surface for optimum strength and hold to the pole, and **large butterfly nut** for **tightening without the need for any tools**.
- An **LTE filter** has been built into the dipole radiator to ensure 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 Sigma design **patented by Fracarro**.

SIGMA6HD LTE700		
Code		213224
Elements		6
Band		UHF
Channel		E21-E48
Bandwidth	MHz	470-694
Gain	dBi	14
Front/Back ratio	dB	32
Return loss	dB	-18
Beam width (3dB)	°	±22
Wind load 120km/h 729N/m ²	kg (N)	23 (225.6)
Connector		F
Impedence	Ω	75
Max mast diameter	mm	60
Dimensions	cm	92 x 62
Accessories		
Horizontal polarisation		Including

Vertical polarisation		Including
Vertical polarisation tilt adjustment		Including
Auxiliary boom		N.P.
Dimensions and packaging		
Pieces		4
EAN code		8016978098903
Multiple EAN		8016978098910
Unit weight	kg	2.30
Total weight	kg	12.0

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

