

SIGMA 8HD LTE

UHF Aerials



8 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 inserted into the dipole radiator to guarantee the quality of the distributed signal and to achieve excellent filtering of **4G interfering** signals in the LTE band (790-860 MHz) reserved for mobile telephony.
- Exclusive Sigma design **patented by Fracarro**.

SIGMA 8HD LTE		
Code		213213
Elements		8
Band		UHF
Channel		E21-E60
Bandwidth	MHz	470-790
Gain	dBi	16
Front/Back ratio	dB	32
Return loss	dB	-18
Beam width (3dB)	°	±17
Wind load 120km/h 729N/m ²	kg (N)	23 (225.6)
Connector		F
Impedence	Ω	75
Max mast diameter	mm	60
Dimensions	cm	119 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		8016978091683
Multiple EAN		8016978091737
Unit weight	kg	2.77
Total weight	kg	16.8

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

