

UHF aerials

SIGMA Series

Wideband loop Yagi aerials with F connector. Their original design, patented by Fracarro, allows a particular directivity (with the maximum reduction in interference) and a maximum gain comparable with an aerial twice its length. Sigma aerials are completely pre-assembled, therefore they can be installed quickly and easily without any other tools.

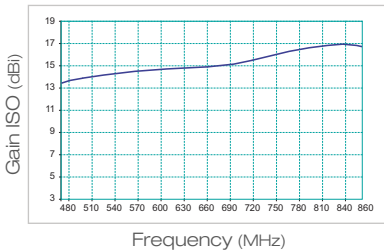


▶ SIGMA 6HD
▶ SIGMA 6PWR HD

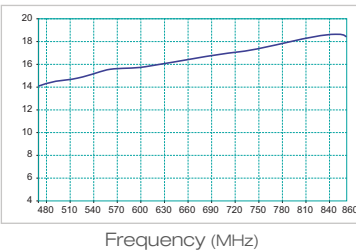
▶ SIGMA 9HD

Item		SIGMA 6HD	SIGMA 6PWR HD	SIGMA 9HD
Code		213201	213209	213208
Elements	No.	6	6	9
Band		UHF	UHF	UHF
Channels		E21-E69	E21-E69	E21-E69
Bandwidth	MHz	470-862	470-862	470-862
Maximum gain	dBi	17	31	18.5
Front-to-back ratio	dB	32	32	32
Return loss	dB	-18	-18	-18
Beamwidth (-3dB)	°	± 18	+/- 18	± 18
Wind load at 120Km/h (720N/m ²)	Kg (N)	23 (225.4)	23 (225.4)	23 (225.4)
Connector	type	F	F	F
Impedance	Ohm	75	75	75
Maximum mast Ø	mm	60	60	60
Dimensions (L x W)	cm	92 x 63	92x62,5	130 x 63
Packaging				
Quantity	Pcs	4	1	4
Unit weight	Kg	2.8	2.3	3.3
Total weight	Kg	12	2.9	16.8
Accessories				
Horizontal polarisation			Included	
Horizontal polarisation with tilt adj.			Included	
Vertical polarisation			Included	
Vertical polarisation with tilt adj.			Included	
Auxiliary boom			N/A	

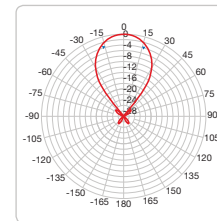
Gain SIGMA 6HD



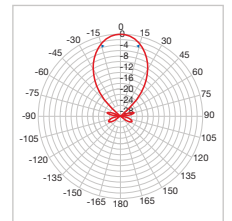
SIGMA 9HD



Pattern SIGMA 6HD



SIGMA 9HD



Item	Code	Description
SIGMA PWR HD	213204	<p>Also available an active UHF dipole for SIGMA Series aerials.</p> <ul style="list-style-type: none"> • The Sigma radiator contains an active dipole which substitutes an additional amplifier • 31dB max. equalised gain on the whole UHF band. Can be adjusted by using PSU200R power supply (see page 59) • Low "noise figure": <2.5dB • Low consumption: 26mA

