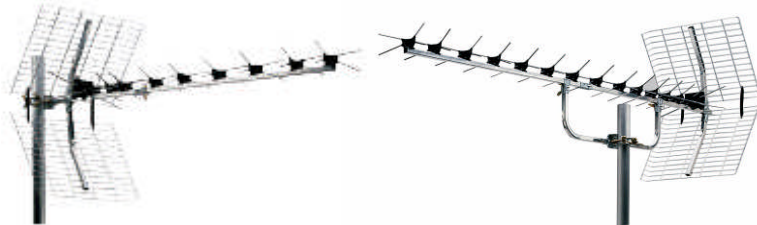


## UHF Aerials

## LAMBDA SERIES



ANT50.....

ANT51.....

High performance aerials with F connector. The design of the connector cap and dipole clamp offer great protection. The aerials are characterised by their excellent mechanical reflector sturdiness, high front-to-back ratio, good return loss and high gain. Mast clamp and joints of the boom are pre-assembled for easy installation. These aerials are also equipped with large wing nut bolt screws for excellent clamping.

## Main specifications

- 9 or 14 elements
- UHF wideband full wave length aerial for the reception of TV signals
- Dipole with F connector
- 55mm is the maximum mast clamp diameter
- Galvanized mast clamp with butterfly screws
- Grid reflector
- Impedance 75 Ohm

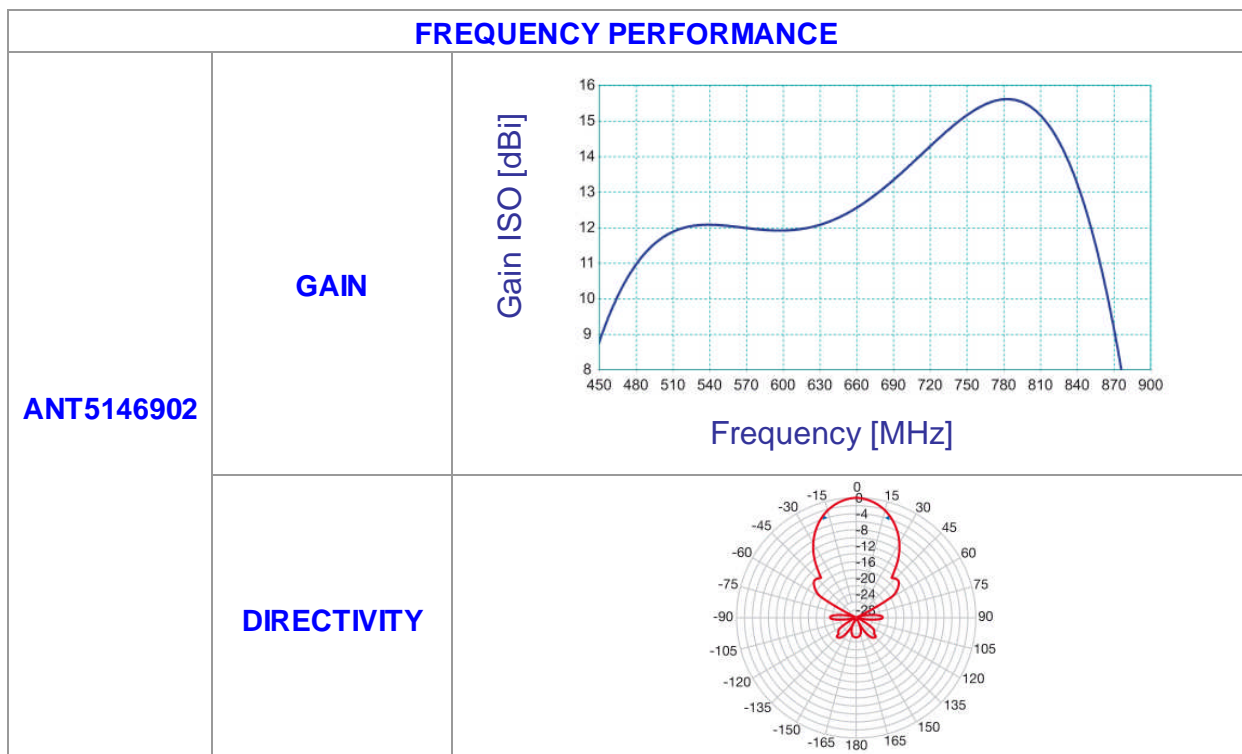
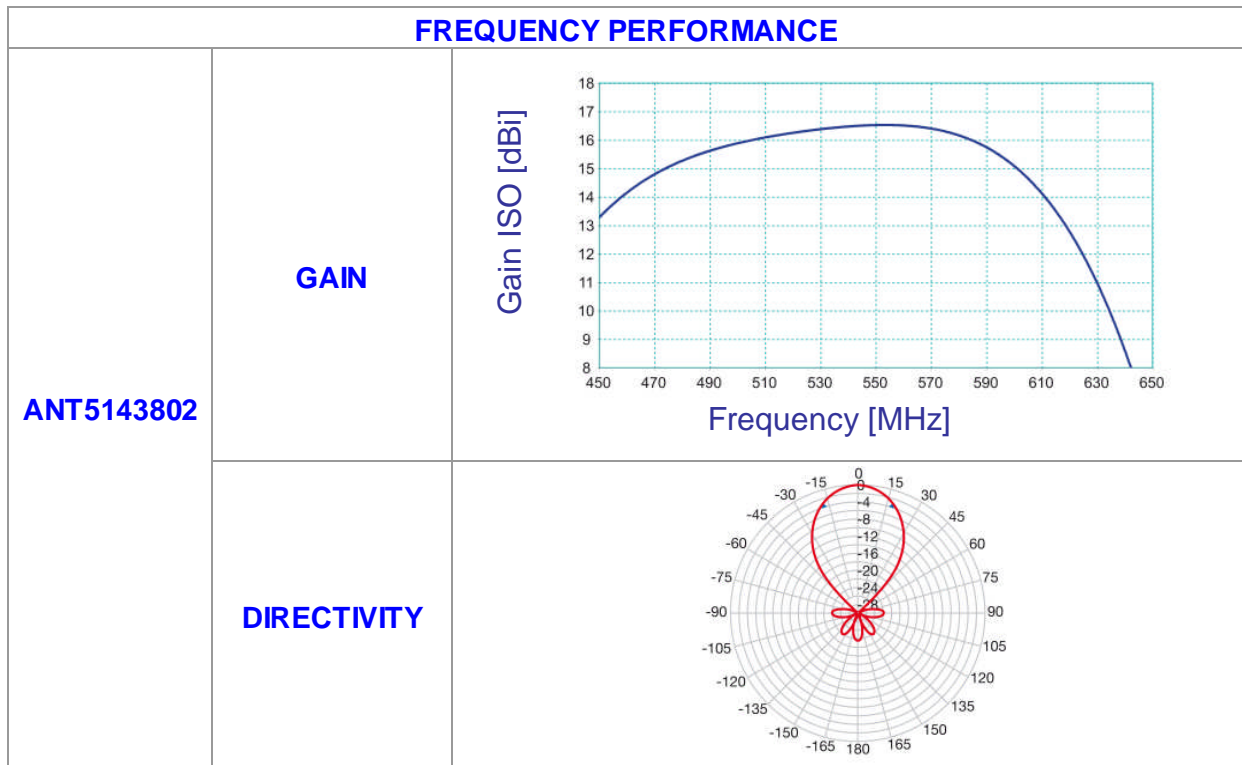
		ANT5093802	ANT5096902	ANT5143802	ANT5146902
Fracarro code		213051	213053	213054	213056
Elements	No.	9	9	14	14
Band		IV	UHF	IV	UHF
Channels	Europe	E21 - E38	E21 - E69	E21 - E38	E21 - E69
Bandwidth	MHz	470 - 614	470 - 862	470 - 614	470 - 862
Maximum gain	dBi	15	14	16.5	15.6
Front-to-back ratio	dB	25	24	30	26
Return loss	dB	-14	-12	-16	-14
Beamwidth (-3dB)	°	+/-23	+/-23	+/-17	+/-17
Wind load at 120Km/h (720N/m <sup>2</sup> )	Kg (n)	16 (156.96)	15 (147.15)	19 (186.39)	17.5 (171.67)
Connector	type	F	F	F	F
Impedance	Ohm	75	75	75	75
Maximum mast Ø	mm	55	55	55	55
Dimensions (L x W)	cm	161 x 50	152 x 50	238 x 50	177 x 50
<b>Packaging</b>					
Quantity	pieces	1	1	1	1
Unit weight	Kg	2.9	2.51	3.71	3.2
Total weight	Kg	2.9	2.51	3.71	3.2
<b>Accessories</b>					
Horizontal polarisation				Included	
Horizontal polarisation with tilt adj.				Included	
Vertical polarisation				Included	
Vertical polarisation with tilt adj.				Included	
Auxiliary boom			N/A		Included

**FREQUENCY PERFORMANCE**

<b>ANT5093802</b>	<b>GAIN</b>	<p>Gain ISO [dB<sub>i</sub>]</p> <p>Frequency [MHz]</p>
	<b>DIRECTIVITY</b>	

**FREQUENCY PERFORMANCE**

<b>ANT5096902</b>	<b>GAIN</b>	<p>Gain ISO [dB<sub>i</sub>]</p> <p>Frequency [MHz]</p>
	<b>DIRECTIVITY</b>	



Fracarro Radioindustrie S.p.A.  
 via Cazzaro, 3  
 31033 Castelfranco Veneto (TV)  
 Italy  
 tel. +39 0423 7361  
 fax +39 0423 736220  
 www.fracarro.com  
 info@fracarro.com

Fracarro (UK) Ltd  
 Unit A,  
 Ibex House, Keller Close  
 Kiln Farm, Milton Keynes.  
 MK11 3LL  
 UK  
 Tel. +44(0)1908 571571  
 Fax +44(0)1908 571570

Fracarro Ibérica  
 Polígono Táctica "Ciudad  
 de los negocios"  
 C/2A, nº 4 - 46980  
 Paterna - Valencia  
 Tel. +34/961340104  
 Fax. +34/961340691

Fracarro France S.A.S.  
 7/14 rue du Fossé Blanc  
 Bâtiment C1  
 92622 Gennevilliers Cedex  
 France  
 Tel. +33 1 47283400  
 Fax +33 1 47283421

Fracarro Tecnologia e  
 Antenas de Televisao Lda  
 Rua Alexandre Herculano, nº1-1ºB  
 Edifício Central Park  
 2795-242 Linda-a-Velha  
 Portugal  
 Tel.: +351214156800  
 Fax: +351214156809