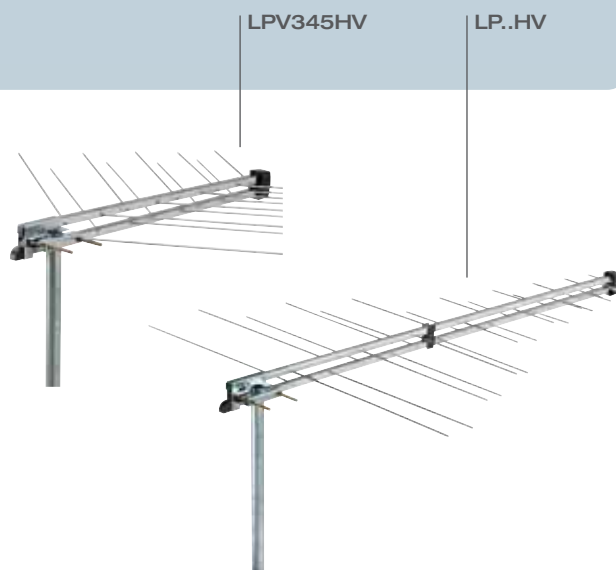


# Aerials

## LOG-PERIODIC aerials

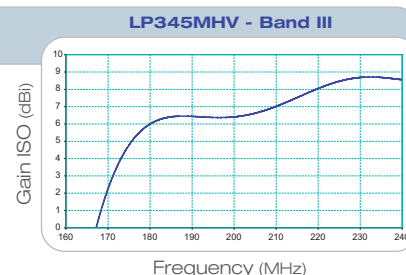
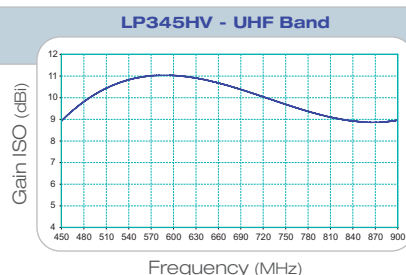
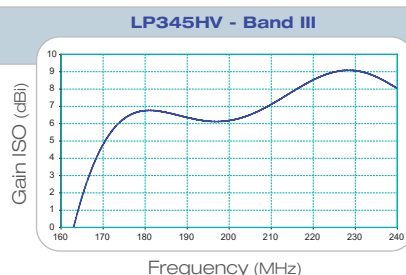
### LP Series

Pre-assembled aerials that are easy to install and characterised by a highly reliable RF connection. They are available in various models in order to fulfil most installations.

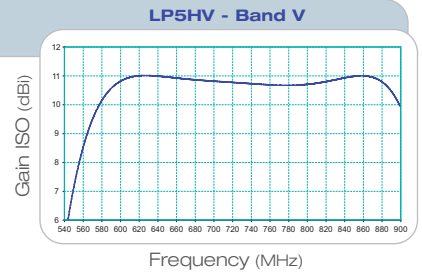
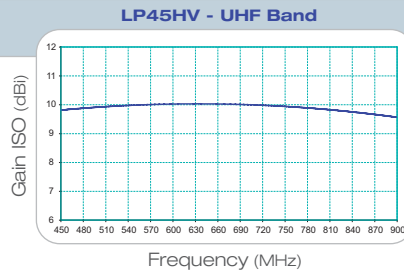
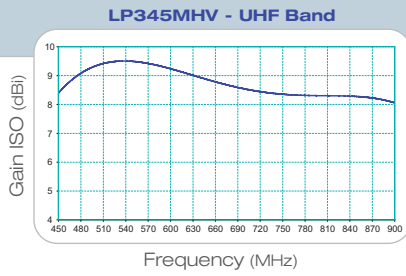


Item Code	LP345HV 216168	LP345MHV 216167	LP45HV 216147	LP5HV 216107	LPV345HV 217349	LP34HV 216134
Band	III+UHF	III+UHF	UHF	V	III+UHF	III + IV
Channels	E5-E12 E21-E69	E5-E12 E21-E69	E21-E69	E38-E69	E5-E12 E21-E69	E5-E12 E21-E37
Bandwidth	MHz	MHz	MHz	MHz	MHz	MHz
	174-230 470-862	174-230 470-862	470-862	606-862	174-230 470-862	174-230 470-606
Maximum gain	dBi	dBi	dBi	dBi	dBi	dBi
	9 / 11	8.5 / 9.5	10	11	9 / 11.5	9 / 10.5
Front-to-back ratio	dB	dB	dB	dB	dB	dB
	24 / 32	22 / 30	36	36	24 / 32	21 / 25
Return loss	dB	dB	dB	dB	dB	dB
	-13/-13	-14 /-12	-15	-15	-18 / -18	-18 / -13
Beamwidth (-3dB)	°	°	°	°	°	°
	+/-34 +/-31	+/-34 +/-30	+/-28	+/-25	+/-23 +/-21	+/-35 +/-28
Wind load at 120Km/h (720N/m <sup>2</sup> )	Kg (N)	Kg (N)	Kg (N)	Kg (N)	Kg (N)	Kg (N)
	3.9(38.25)	2.7(26.48)	3.0(29.43)	3.0(29.43)	3.9(38.25)	2.8(27.46)
Impedance	Ohm	Ohm	Ohm	Ohm	Ohm	Ohm
	75	75	75	75	75	75
Maximum mast Ø	mm	mm	mm	mm	mm	mm
	60	60	60	60	60	60
Dimensions (L x W)	cm	cm	cm	cm	cm	cm
	111x86	72x86	94x32	94x24	111x86	111x86
<b>Packaging</b>						
Quantity	pcs	pcs	pcs	pcs	pcs	pcs
	20	20	20	20	20	20
Unit weight	Kg	Kg	Kg	Kg	Kg	Kg
	1.04	0.83	0.78	0.74	0.8	1.04
Total weight	Kg	Kg	Kg	Kg	Kg	Kg
	21.3	17.1	16.1	15.3	16.5	21.3
<b>Accessories</b>						
Horizontal polarisation			included			
Horizontal polarisation with tilt adj.			PV10			
Vertical polarisation			included			
Vertical polarisation with tilt adj.			PV10			
Auxiliary boom			N/A			

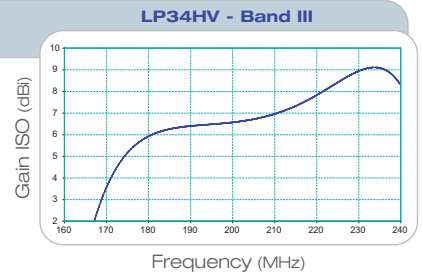
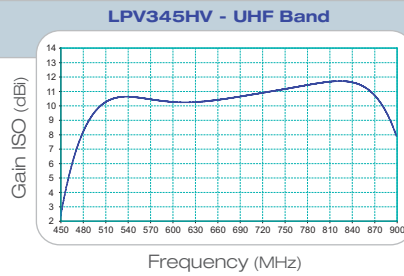
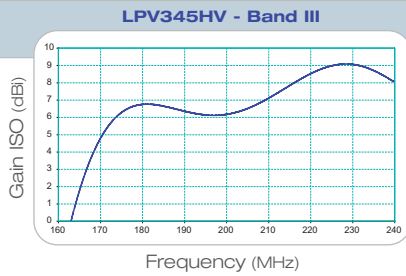
### Gain



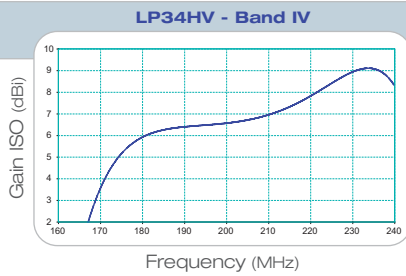
## Gain



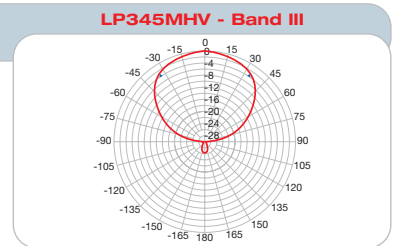
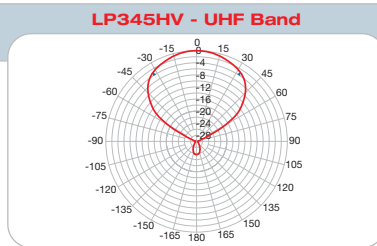
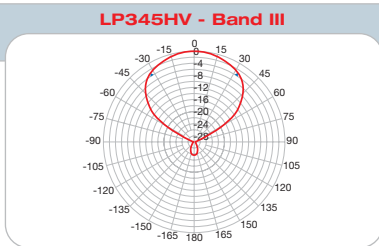
## Gain



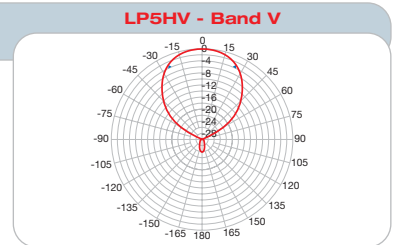
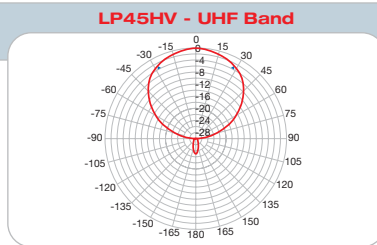
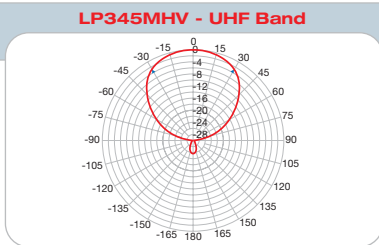
## Gain



## Pattern



## Pattern



## Pattern

