

SKYBRIDGE APPROVED ANTENNA LIST

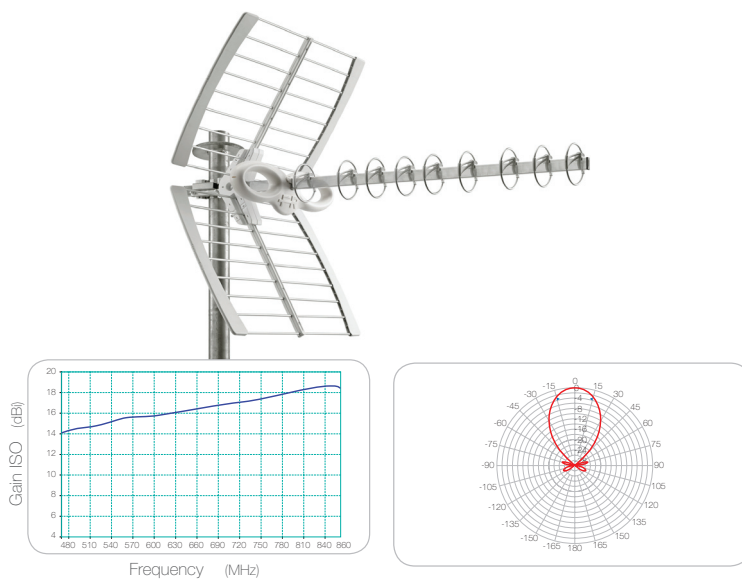
FRACARRO

SIGMA SERIES UHF ANTENNAS

Unique in performance and design, Fracarro SIGMA9 and SIGMA6 are perfect for the reception of Digital Terrestrial television signals. Up to 18.5dB gain that can be boosted even more with a Sigma PWR HD dipole.

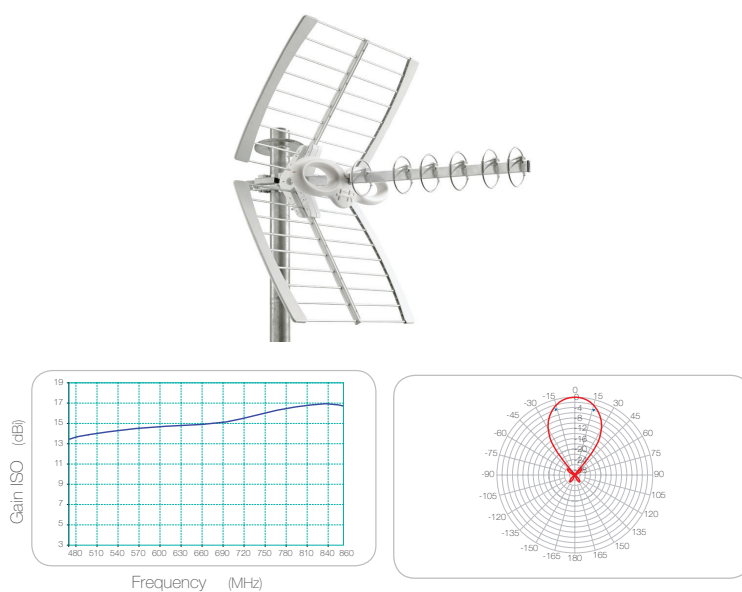
Patented loop elements and double size corner reflectors deliver high directivity with an almost total absence of side-lobes — excellent for reducing reception of reflections.

SIGMA antennas feature pre-assembled elements, can be installed quickly and easily without hand tools. F connector balun and a unique weatherproof boot are standard. Unique fibreglass reinforced polymer construction ensures physical strength and long life.



SIGMA9

Channels:	UHF: 21–69 b4 & 5
Bandwidth:	470–862MHz
Gain:	18.5dB
F/B Ratio:	32dB
Return loss:	-18dB
Beamwidth:	± 18°
Wind load at 120Km/h (720N/m²)	23Kg (225.4N)
Boom length:	130cm
Connection:	F Type
Impedance:	75 Ohm



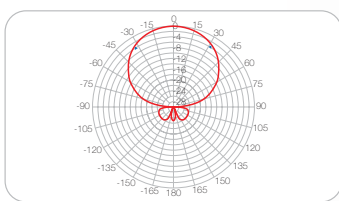
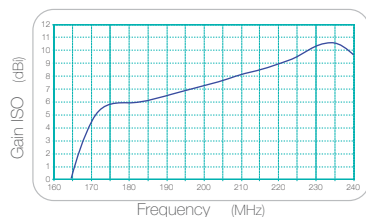
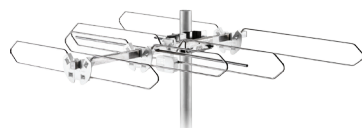
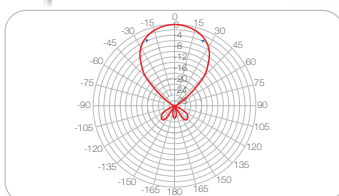
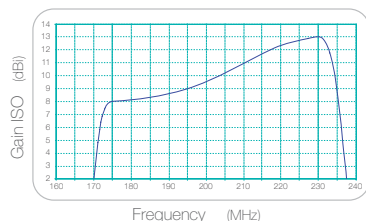
SIGMA6

Channels:	UHF: 21–69 b4 & 5
Bandwidth:	470–862MHz
Gain:	17dB
F/B Ratio:	32dB
Return loss:	-18dB
Beamwidth (-3dB)	± 18°
Wind load at 120Km/h (720N/m²)	23Kg (225.4N)
Boom length:	92cm
Connection:	F Type
Impedance:	75 Ohm

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FULL BAND 3 VHF

BLV6F and BLV4F pre-assembled antennas are characterised by high gain, optimised impedance matching and excellent directivity. Superior electrical and mechanical qualities which has been proven to guarantee long life.



BLV6F

Channels:	VHF: 6–12
Bandwidth:	174–230MHz
Gain:	13dB
F/B Ratio:	25dB
Boom length:	149cm
Return loss:	-22dB
Beamwidth:	+/- 24°
Wind load at 120Km/h (720N/m²):	4.5Kg (44.14N)
Connection	F Type
Impedance:	75 Ohm

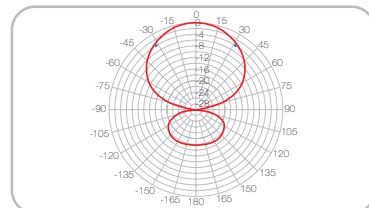
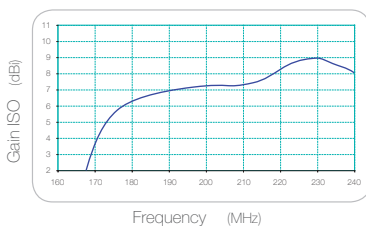
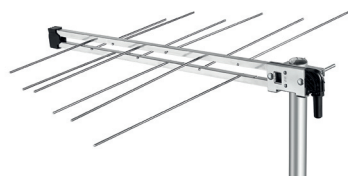
BLV4F

Channels:	VHF: 6–12
Bandwidth:	174–230MHz
Gain:	11dB
F/B Ratio:	20dB
Boom length:	64cm
Return loss:	-23dB
Beamwidth:	+/- 31°
Wind load at 120Km/h (720N/m²):	3.0Kg (29.43N)
Connection	F Type
Impedance:	75 Ohm

FRACARRO

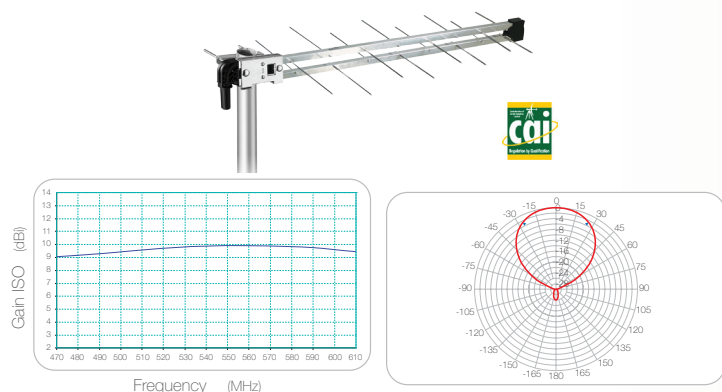
F CONNECTOR TERMINATED LOG PERIODIC

- Pre-assembled Antennas
- F Connector is protected by a cap with bayonet clamp
- Easy connection: Connector located near mast clamp
- High level design of the dipole connection
- Reliable RF contact
- Excellent mechanical clamp resistance of boom elements
- Excellent mechanical resistance at the rotation around the mast

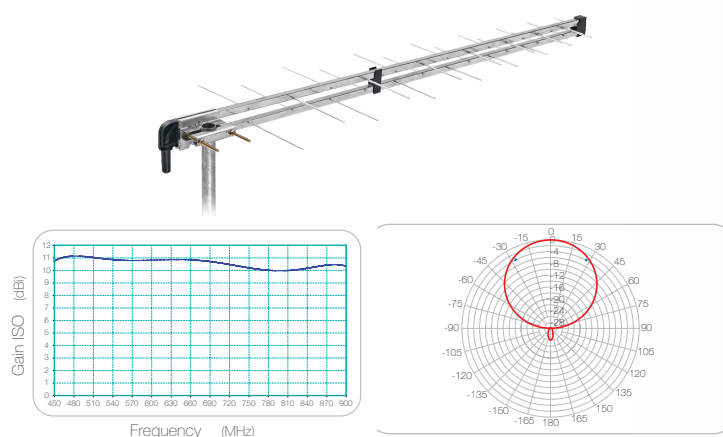


LP3F

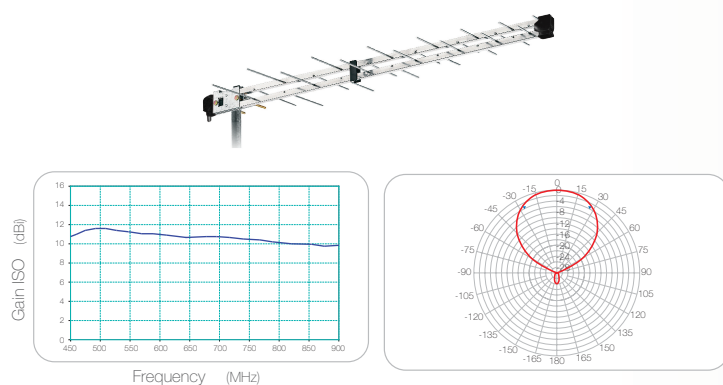
Channels:	VHF: 6–12 b3
Bandwidth:	174–230MHz
Gain:	VHF: 9dB
F/B Ratio:	VHF: 25dB
Boom Length:	65cm
Return loss:	-16dB
Beamwidth:	±34°
Wind load at 120Km/h (720N/m²):	2.8kg (27.46N)
Connection	F Type
Impedance:	75 Ohm



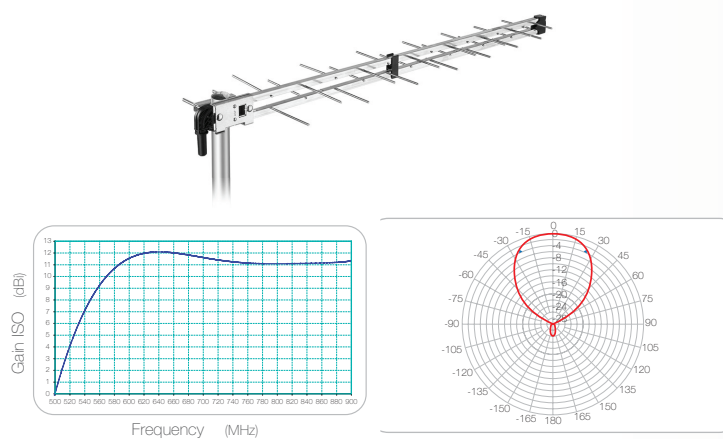
LP4F	
Channels:	28–69 b4
Bandwidth:	470–606MHz
Gain:	10dB
F/B Ratio:	32dB
Boom Length:	65cm
Return loss:	-18dB
Beamwidth:	±25°
Wind load at 120Km/h (720N/m²):	2.8kg (27.46N)
Connection	F Type
Impedance:	75 Ohm



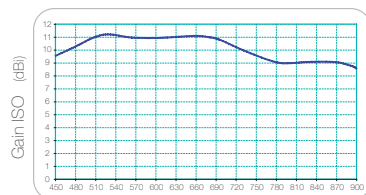
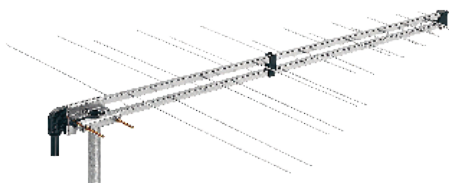
LP45F	
Channels:	28–69 b4&5
Bandwidth:	470–862MHz
Gain:	11dB
F/B Ratio:	36dB
Boom Length:	99cm
Return loss:	-15dB
Beamwidth:	±28°
Wind load at 120Km/h (720N/m²):	3.0kg (29.43N)
Connection	F Type
Impedance:	75 Ohm



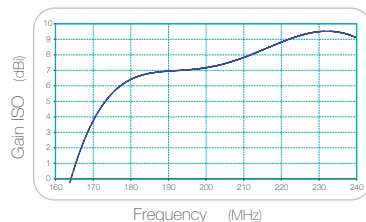
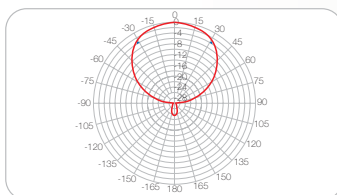
LP45NF	
Channels:	28–69 b4&5
Bandwidth:	470–862MHz
Gain:	11.5dB
F/B Ratio:	36dB
Boom Length:	115cm
Return loss:	-15dB
Beamwidth:	±25°
Wind load at 120Km/h (720N/m²):	3.0kg (29.43N)
Connection	F Type
Impedance:	75 Ohm



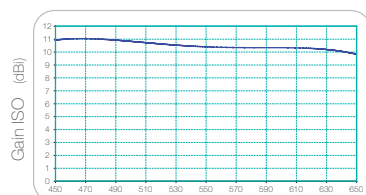
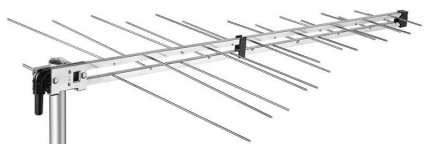
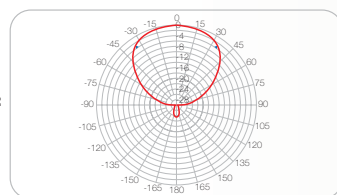
LP5F	
Channels:	40–69 b4&5
Bandwidth:	606–862MHz
Gain:	12dB
F/B Ratio:	36dB
Boom Length:	99cm
Return loss:	-15dB
Beamwidth:	±25°
Wind load at 120Km/h (720N/m²):	3.0kg (29.43N)
Connection	F Type
Impedance:	75 Ohm



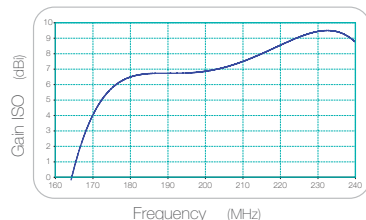
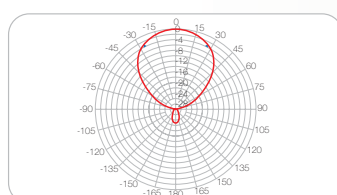
UHF



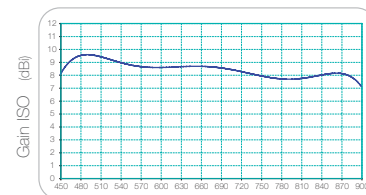
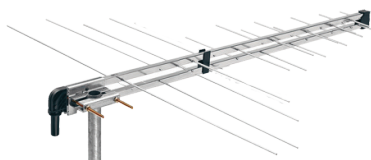
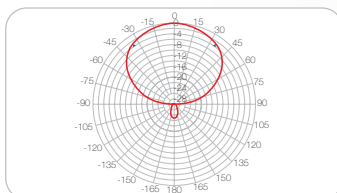
VHF



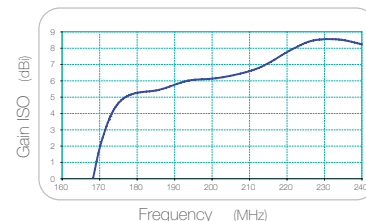
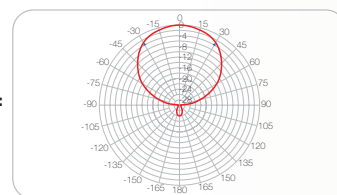
UHF



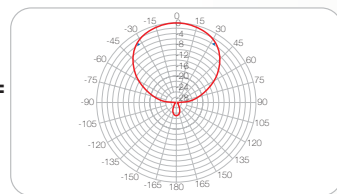
VHF



UHF



VHF

**LP345F**

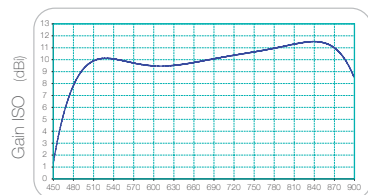
Channels:	VHF: 6–12 b3, UHF: 28–69 b4&5
Bandwidth:	VHF: 174–230MHz UHF: 470–862MHz
Gain:	VHF: 9.5dB UHF: 11dB
F/B Ratio:	VHF: 24dB UHF: 32dB
Boom Length:	115cm
Return loss:	VHF: -16dB UHF: -16dB
Beamwidth:	VHF: ±34° UHF: ±31°
Wind load at 120Km/h (720N/m²):	3.9kg (38.25N)
Connection	F Type
Impedance:	75 Ohm

LP34F

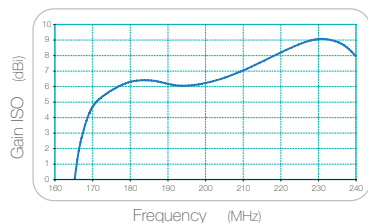
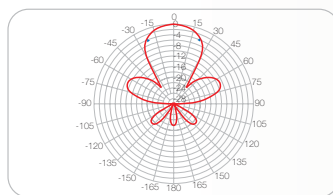
Channels:	VHF: 6–12 b3, UHF: 28–40 b4&5
Bandwidth:	VHF: 174–230MHz
Gain:	VHF: 9.5dB UHF: 11dB
F/B Ratio:	VHF: 21dB UHF: 25dB
Boom Length:	115cm
Return loss:	VHF: -18dB UHF: -15dB
Beamwidth:	VHF: ±35° UHF: ±28°
Wind load at 120Km/h (720N/m²):	2.8kg (27.46N)
Connection	F Type
Impedance:	75 Ohm

LP345MF

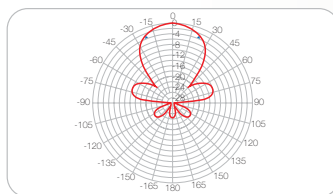
Channels:	VHF: 6–12 b3, UHF: 28–69 b4&5
Bandwidth:	VHF: 174–230MHz UHF: 470–862MHz
Gain:	VHF: 8.5dB UHF: 9.5dB
F/B Ratio:	VHF: 22dB UHF: 30dB
Boom Length:	77cm
Return loss:	VHF: -14dB UHF: -13dB
Beamwidth:	VHF: ±34° UHF: ±30°
Wind load at 120Km/h (720N/m²):	2.7kg (26.48N)
Connection	F Type
Impedance:	75 Ohm



UHF



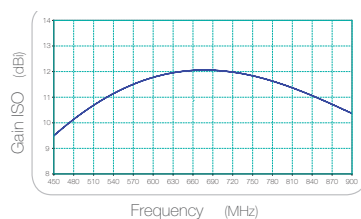
VHF

**LPV345F**

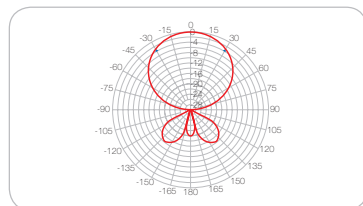
Channels:	VHF: 6–12 b3 UHF: 28–69 b4&5
Bandwidth:	VHF: 174–230MHz UHF: 470–606MHz
Gain:	VHF: 9dB UHF: 11.5dB
F/B Ratio:	VHF: 24dB UHF: 32dB
Boom Length:	75 cm
Return loss:	VHF: -18dB UHF: -13dB
Beamwidth:	VHF: ±23° UHF: ±21°
Wind load at 120Km/h (720N/m²):	2.8kg (27.46N)
Connection	F Type
Impedance:	75 Ohm

FRACARRO**UHF PHASED ARRAY**

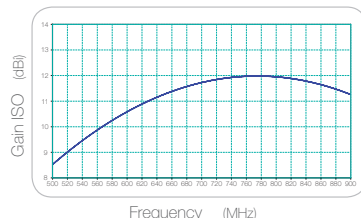
Panel antennas with high gain and aluminium radiant elements.



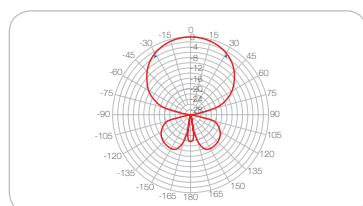
Frequency (MHz)

**PU4F**

Channels:	UHF: 28–69 b4&5
Bandwidth:	470–862MHz
Gain:	12dB
F/B Ratio:	21dB
Dimensions:	71 x 38.5cm
Return loss:	-14dB
Beamwidth:	±30°
Wind load at 120Km/h (720N/m²):	4.0kg (39.24N)
Connection	F Type
Impedance:	75 Ohm



Frequency (MHz)

**P54F**

Channels:	UHF: 39–69 b5
Bandwidth:	606–862MHz
Gain:	12dB
F/B Ratio:	24dB
Dimensions:	62 x 32cm
Return loss:	-13dB
Beamwidth:	±30°
Wind load at 120Km/h (720N/m²):	3.2kg (31.39N)
Connection	F Type
Impedance:	75 Ohm



Italian Design and Manufactured

Italian design, engineering and manufacturing **— expertise acquired of 75 years**

- Fracarro is Europe's largest Antenna manufacturer with a significant share of the Australian TV Antenna market.
- Fracarro antennas are long the choice of installers working in the most difficult (often regional and rural) reception areas.
- Fracarro also manufacture a broad range of quality MATV products and these have been employed successfully in headends across Australia for almost 10 years.
- Fracarro purchased the entire Philips MATV business and now also offers updated HeadLine and CompactLine MATV solutions, including Digital Modulators.