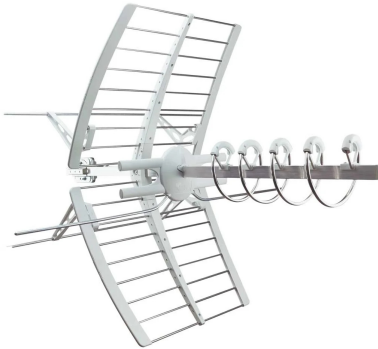


## ELIKA COMBO

### Combo Aerials



Helical broadband aerial with F connector, it is an evolution of the Loop Yagi technology, already adopted to Fracarro.

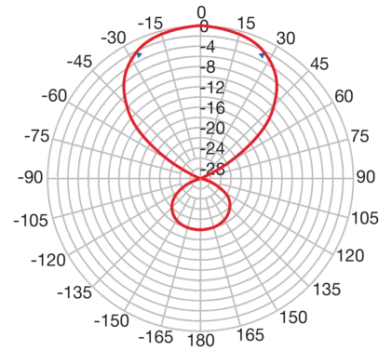
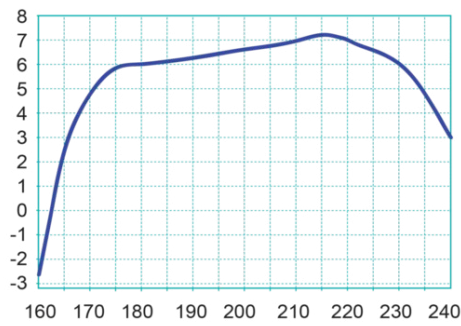
### Technical Chars

- 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 built into the dipole radiator to ensure 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.
- Fracarro's exclusive **patented Band III reflector coupling** and Elika design.

ELIKA COMBO		
Code		213232
Elements		2/1
Band		3+DAB / UHF
Channel		E5-E12 + DAB / E21-E60
Bandwidth	MHz	174-240 / 470-790
Gain	dBi	7 / 16
Front/Back ratio	dB	20 / 32
Return loss	dB	-14 / -18
Beam width (3dB)	°	±28 / ±22
Wind load 120Km/h 729N/m <sup>2</sup>	Kg (N)	20 (196.1)
Connector		F
Impedence	Ohm	75
Max mast diameter	mm	60
Dimensions	cm	100 x 82 x 100
Accessories		
Horizontal polarization		Included

Vertical polarization		Included
Vertical polarization tilt adjustment		Included
Auxiliary boom		-
<b>Dimensions and packaging</b>		
Pieces		2
EAN code		8016978102075
Multiple EAN		8016978102402
Packaging dimensions	mm	1110 x 770 x 220
Packaging weight	Kg	7.8
Unit weight	Kg	2.7
Total weight	Kg	7.8

## Gain (x: MHz frequency, y: ISO dBi gain) and Polar diagram (@200MHz)



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

