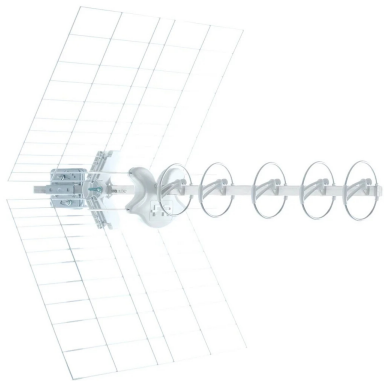


## ALPHA 5HD 700

### UHF Aerials



UHF 5-element loop Yagi aerial with F-connector, 5G and 4G LTE filter and grid reflector

### 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, excellent impedance matching and **excellent directivity**.
- Innovative pole mount with zenith adjustment as standard and a knurled surface for optimum strength and hold to the pole, and a **butterfly nut** for **tightening without the need for any tools**.
- A **5G filter** has been inserted into the dipole radiator to guarantee the quality of the distributed signal and achieve excellent filtering of **5G and 4G interfering** signals in the LTE band (694-860 MHz) reserved for mobile telephony.
- Exclusive design **patented by Fracarro**.

| ALPHA 5HD 700             |        |            |
|---------------------------|--------|------------|
| Code                      |        | 213240     |
| Elements                  |        | 5          |
| Band                      |        | UHF        |
| Channel                   |        | E21-E48    |
| Bandwidth                 | MHz    | 470-694    |
| Gain                      | dBi    | 13.5       |
| Front/Back ratio          | dB     | 38         |
| Return loss               | dB     | -18        |
| Beam width (3dB)          | °      | ±22        |
| Wind load 120Km/h 729N/m² | Kg (N) | 5.7 (55.9) |
| Connector                 |        | F          |
| Impedence                 | Ohm    | 75         |
| Max mast diameter         | mm     | 60         |
| Dimensions                | cm     | 81 x 50    |
| Accessories               |        |            |
| Horizontal polarization   |        | Included   |

|                                       |    |               |
|---------------------------------------|----|---------------|
| Vertical polarization                 |    | Included      |
| Vertical polarization tilt adjustment |    | Included      |
| Auxiliary boom                        |    | -             |
| <b>Dimensions and packaging</b>       |    |               |
| Pieces                                |    | 10            |
| EAN code                              |    | 8016978106059 |
| Multiple EAN                          |    | 8016978106196 |
| Unit weight                           | Kg | 1.94          |
| Total weight                          | Kg | 21.7          |

**Gain (x: MHz frequency, y: ISO dBi gain) and Polar diagram (@600MHz)**

