

## UHF aerials - SIGMA SERIES

## SIGMA 6HD



New line of wideband Yagi aerials with F connector and double reflector. This aerial has an innovative design (patented Fracarro) thanks to the loop geometry and the driven element shape.

The Sigma aerial is characterized by high directivity and almost total absence of side lobes.

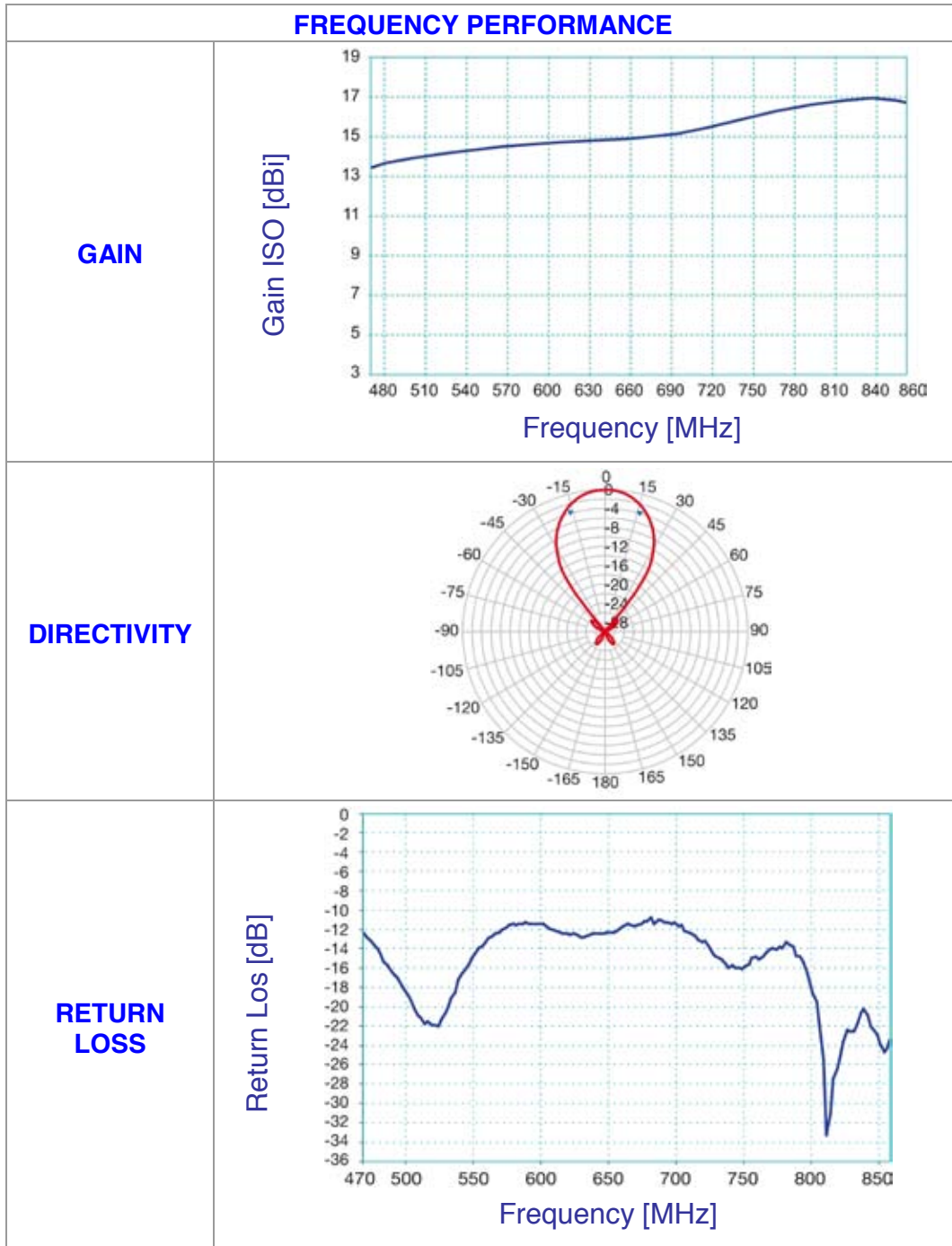
Characterized by ease of installation with elements, mast clamp and mounting reflector support pre-assembled, the assembly can be completed without the aid of tools.

## Main characteristics

- 6 elements
- Wideband UHF aerial for TV reception
- Dipole with F connector
- Polarisation H or V
- Maximum mast clamp diameter 60 mm
- Double reflector
- Impedance 75 Ohm

|   |        | SIGMA 6HD  |
|---|--------|------------|
| Fracarro code                                 |        | 213201     |
| Elements                                      | n°     | 6          |
| Band  |        | UHF        |
| Channel                                       |        | E21 – E69  |
| <b>Technical characteristics</b>              |        |            |
| Bandwidth                                     | MHz    | 470 – 862  |
| Maximum gain                                  | dBi    | 17         |
| Front-to-back ratio                           | dB     | 32         |
| Return loss                                   | dB     | -18        |
| Beamwidth (-3dB)                              | °      | +/- 18     |
| Impedance                                     | Ohm    | 75         |
| <b>Mechanical characteristics</b>             |        |            |
| Dimensions (L. x W.)                          | mm     | 920 x 625  |
| Maximum mast diameter                         | mm     | 60         |
| Wind load at 120 Km/h (720 N/m <sup>2</sup> ) | kg (N) | 23 (225.4) |
| Connector                                     | Type   | F          |
| <b>Accessories</b>                            |        |            |
| Horizontal Polarisation                       |        | Included   |
| Horizontal polarization with tilt adj.        |        | Included   |
| Vertical polarization                         |        | Included   |
| Vertical polarization with tilt adj.          |        | Included   |
| Auxiliary boom                                |        | N. a.      |

| Fracarro code | Item      | Packaging | Quantity | Dimensions      | Unit weight | Total weight |
|---------------|-----------|-----------|----------|-----------------|-------------|--------------|
|               |           |           | pieces   | mm              | kg          | kg           |
| 213201        | SIGMA 6HD | box       | 1        | 975 x 445 x 130 | 2,3         | 2,9          |



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