

# 900 TERRESTRIAL ANTENNAS

UHF ANTENNA, CHANNELS 21/60, G = 13 DB



Code : **9000082**

Model : **BU-266**

#### Description

Double array antennas covering the complete gain range. Designed to cover the UHF band up to 790 MHz while rejecting the LTE mobile telephone band. Fast and easy assembly, all the components are premounted and no tools are required for their assembly.

#### Applications

Digital and analogue terrestrial TV installations, collective or individual, where rejection of the LTE band is necessary.

#### Characteristics

Rejection of LTE and GSM signals as well as signals coming from the bottom of the antenna. Robust antenna with great resistance to both sun and saltpetre. Made from aluminium, weather-resistant plastic and galvanised steel. Elevation angle adjustment, mounting in either horizontal or vertical polarity. Includes a balun (symmetrizer), specially designed for the antenna, with F-type connector protected inside the balun box. Packed individually, in multiple packs or unassembled.

| CODE                      |              | 900082            | 900083         | 900089           |
|---------------------------|--------------|-------------------|----------------|------------------|
| MODEL                     |              | BU-266            | BU-456         | BU-566           |
| Frequency range           | MHz          | 470-790           |                |                  |
| Channel                   |              | 21-60             |                |                  |
| Elements                  |              | 27                | 43             | 45               |
| Gain                      | dBd          | 13                | 14             | 16               |
| Front/back ratio          | dB           | 23                | 25             | 25               |
| Impedance                 | $\Omega$     | 75                |                |                  |
| Return loss               | dB           | $\geq 10$         |                |                  |
| Polarity                  |              | H/V               |                |                  |
| Beam width                | $^{\circ}$ H | 26                | 24             | 20               |
|                           | $^{\circ}$ V | 31                | 32             | 21               |
| Lenght                    | mm           | 1087              | 1298           | 2050             |
| Wind loading              | N            | 48                | 89             | 83               |
|                           | H            |                   |                |                  |
|                           | V            | 70                | 93             | 104              |
| Connection                |              | F female          |                |                  |
| Protection index          |              | IP 53             |                |                  |
| Colour                    |              | Black/Aluminium   |                |                  |
| Pack x Code x Unit/Pallet |              | 80 x 1 x 1        | 56 x 1 x 1     | 27 x 1 x 1       |
| Packing weight            | Kg           | 1,48              | 1,85           | 2,40             |
| Pallet weight             | Kg           | 133,4             | 118,6          | 79,8             |
| Packing dimensions        | mm           | 600 x 400 x 90    | 700 x 425 x 90 | 1084 x 455 x 125 |
| Pallet dimensions         | mm           | 1200 x 800 x 2000 |                |                  |