

# 900 TERRESTRIAL ANTENNAS

UHF ANTENNA, CHANNELS 21/69, G = 10 DBD



Code : **9000077**

Model : **BU-115**

#### Description

Yagi antennas in UHF broadband. Fast and easy reflector assembly, all the components are pre-mounted and no tools are required for their assembly.

#### Applications

Individual or MATV digital and analogue terrestrial TV installations.

#### Characteristics

Reject GSM signals as well as signals coming from the lower part of the antenna. Robust antenna with great resistance to both sun and saltpetre. Made from aluminium, weather-resistant ASA plastic and galvanised steel. Reduced size reflector to facilitate assembly and installation. 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, except for the BU-119 antenna which is supplied in a multiple pack.

| CODE                      |              | 900046            | 900077      |
|---------------------------|--------------|-------------------|-------------|
| MODEL                     |              | BU-119            | BU-115      |
| Frequency range           | MHz          | 470-862           |             |
| Channel                   |              | 21-69             |             |
| Elements                  |              | 19                | 15          |
| Gain                      | dB $\mu$ V   | 12.5              | 10.5        |
| Front/back ratio          | dB           | 21                |             |
| Impedance                 | $\Omega$     | 75                |             |
| Return loss               | dB           | $\geq 10$         |             |
| Polarity                  |              | H/V               |             |
| Beam width                | $^{\circ}$ H | 34                | 36          |
|                           | $^{\circ}$ V | 35                | 38          |
| Lenght                    | mm           | 1146              | 800         |
| Wind loading              | N            | H                 | 38          |
|                           |              | V                 | 46          |
| Connection                |              | F female          |             |
| Protection index          |              | IP 53             |             |
| Colour                    |              | Black/Aluminium   |             |
| Pack x Code x Unit/Pallet |              | 12 x 12 x 1       | 12 x 18 x 1 |
| Packing weight            | Kg           | 13.3              | 13.5        |
| Pallet weight             | Kg           | 174.6             | 177         |
| Packing dimensions        | mm           | 1200 x 400 x 302  |             |
| Pallet dimensions         | mm           | 1200 x 800 x 2000 |             |