# 900 TERRESTRIAL ANTENNAS

## BIII ANTENNA, CHANNELS 5/12, G = 6 DB

Code : **9000070**

Model : **BT-451**

Description
4 and 7 element Yagi antenna, BIII broadband or by channel groups. Fast and easy mounting, no tools are required for its assembly.

Applications
Individual and MATV digital and analogue terrestrial TV installations. Antenna consisting of 7 elements for use where reception is weak and of 4 elements where reception is good.

Characteristics
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. Provided in an individual or multiple pack.

| CODE | | | 9000063 | 9000060 | 9000070 |
|---|---|---|---|---|---|
| MODEL | | | BT-751 | BT-756 | BT-451 |
| Frequency range | MHz | | 174-230 | 174-191 | 174-230 |
| Channel | | | E5-E12 / L5-L10 | E5-E6 / L5-L6 | E5-E12 / L5-L10 |
| Elements | | | 7 | | 4 |
| Gain | dBd | | 10 | | 6 |
| Front/back ratio | dB | | 10 | | |
| Impedance | Ω | | 75 | | |
| Return loss | dB | | ≥ 10 | | |
| Polarity | | | H/V | | |
| Beam width | °H | | 44 | 46 | 64 |
| | °V | | 49 | 52 | 99 |
| Lenght | mm | | 1594 | 1944 | 594 |
| Wind loading | N | H | 48 | 55 | 25 |
| | | V | 56 | 63 | 34 |
| Connection | | | F female | | |
| Protection index | | | IP 53 | | |
| Colour | | | Black/Aluminium | | |
| Pack x Code x Unit/Pallet | | | 90 x 1 x 1 | | |
| Packing weight | Kg | | 1.36 | 1.35 | 1.24 |
| Pallet weight | Kg | | 137.4 | 136.5 | 126.6 |
| Packing dimensions | mm | | 1065 x 140 x 110 | | |
| Pallet dimensions | mm | | 1200 x 800 x 2000 | | |