

# 901 PREAMPLIFIERS

## UHF PREAMP 14 DB F CONNECTOR (12 VDC)



Code : **9010009**

Model : **BR-411**

### Description

UHF preamplifier for the antenna box, powered through the coaxial cable. As well as amplifying the signals, it adapts the antenna impedance from 300 $\Omega$  to 75 $\Omega$ . The noise level is extremely low in order to amplify the signals without losing quality.

### Applications

Individual or MATV digital and analogue terrestrial TV installations where reception levels are very weak. The amplifier is installed as a replacement of the matching transformer of the antenna in order to amplify the signal before it is degraded by the attenuations of the installation. Its use achieves the best possible signal to noise ratio.

### Characteristics

Designed specially for MX, BU and AP antennas (except BU-260). Connection to the antenna by means of fast-on connections and to the coaxial cable by means of a screw terminal.

| CODE                 |            | 9010008 | 9010009        | 9010012 |
|----------------------|------------|---------|----------------|---------|
| MODEL                |            | BR-401  | BR-411         | BR-441  |
| Inputs               |            |         | 1              |         |
| Frequency range      | Band       |         | UHF            |         |
|                      | MHz        |         | 470-862        |         |
| Gain                 | dB         |         | 14             |         |
| Maximun output level | dB $\mu$ V |         | 100            |         |
| Noise figure         | dB         |         | 1.4            |         |
| Input impedance      | $\Omega$   |         | 300            |         |
| Output impedance     | $\Omega$   |         | 75             |         |
| Output connection    |            |         | F female       |         |
| Supply               | V $\dots$  | +24     | +12            | +5      |
|                      | mA         |         | 8              |         |
| Protection index     |            |         | IP 53          |         |
| Units per packaging  |            |         | 1              |         |
| Packing weight       | Kg         |         | 0.04           |         |
| Packing dimensions   | mm         |         | 160 x 120 x 30 |         |