

## Technical specifications : Ref. 148383

| Bands                  |     | LowVHF             |     | HighVHF            |     | UHF                |     |
|------------------------|-----|--------------------|-----|--------------------|-----|--------------------|-----|
| Frequency range        | MHz | 54 ... 88          |     | 174 ... 216        |     | 470 ... 608        |     |
| Channels               |     | 2 ... 6            |     | 7 ... 13           |     | 14 ... 36          |     |
| BOSS mode              |     | ON                 | OFF | ON                 | OFF | ON                 | OFF |
| Gain                   | dBi | 30                 | 5   | 38                 | 8.5 | 46                 | 15  |
| Output level           |     | Auto* <sup>1</sup> | --  | Auto* <sup>2</sup> | --  | Auto* <sup>3</sup> | --  |
| Powering               | Vdc | 12                 | --  | 12                 | --  | 12                 | --  |
| Max. current           | mA  | 70                 | --  | 70                 | --  | 70                 | --  |
| Beamwidth              | °   | 67                 |     | 58                 |     | 35                 |     |
| F/B ratio              | dB  | > 8                |     | > 10               |     | > 25               |     |
| Wind load (@80miles/h) | N   |                    |     | 201.6              |     |                    |     |
| Wind load (@93miles/h) | N   |                    |     | 277.2              |     |                    |     |
| Mast diameter          | in  |                    |     | 0.787 ... 1.969    |     |                    |     |

\*<sup>1</sup> The gain is automatically adjusted according to the level of output

\*<sup>2</sup> The gain is automatically adjusted according to the level of output

\*<sup>3</sup> The gain is automatically adjusted according to the level of output