

# ASA-430/9

## FIXED ANTENNA WITH 2X5/8 WAVE

Vertical monopole antenna with ground plane, 2 x 5/8 wave, 8,15 dBi. It is recommended for fixed stations or signal repeaters in mobile and/or portable UHF communications networks.

As it has low irradiation lobe vertical and is omnidirectional, it provides good system performance.

Constructed robustly and made from stainless materials, it is weather resistant.

It has small dimensions and low weight, so facilitating its installation.

| Partnumber | Model     | Range         |
|------------|-----------|---------------|
| 502290     | ASA-430/9 | 430 / 512 MHz |

| ELECTRICAL SPECIFICATIONS |                |
|---------------------------|----------------|
| VSWR                      | $\leq 1,5 : 1$ |
| Polarization              | Vertical       |
| Nominal impedance         | 50 $\Omega$    |
| Maximum power             | 100 Watts      |
| Gain                      | 8,15 dBi       |
| Connector                 | N female       |

| MECHANICAL SPECIFICATIONS |                       |
|---------------------------|-----------------------|
| Length                    | 1160 mm               |
| Fixation                  | Metal tube 30/50mm    |
| Finishing                 | Epoxy paint           |
| Weight                    | 1,100 Kg              |
| Wind exposure area        | 0,0348 m <sup>2</sup> |
| Basic material            | Aluminum / fiberglass |
| Operating wind            | $\geq 110\text{Km/h}$ |
| Survival wind             | $\geq 200\text{Km/h}$ |

