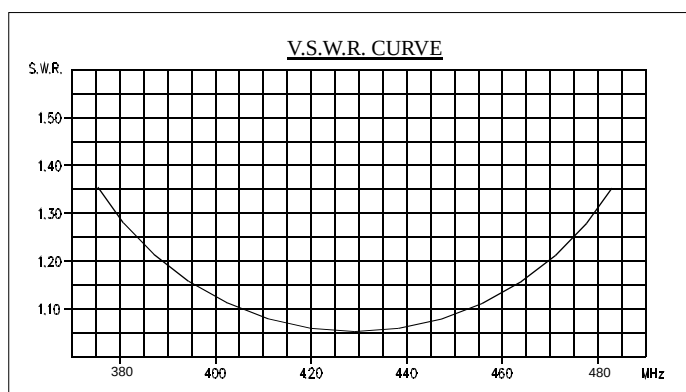


## Type n° T-BP641

### LOW PROFILE ANTENNA UHF / GPS

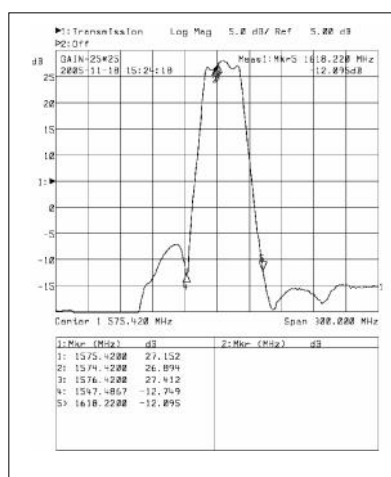
#### SPECIFICATIONS

|                     |                                     |
|---------------------|-------------------------------------|
| Material:           |                                     |
| Base:               | Aluminium alloy EN AW-6082          |
| Radome:             | Polycarbonate                       |
| Net weight ( g ):   | 1000                                |
| Dimensions ( mm ):  | 106*160                             |
| Temperature ( °C ): | -40° - +80°                         |
| Mounting:           | According to FEDERTRASPORTI 00104/5 |



#### TECHNICAL DATA 380÷470 MHz:

|                                  |                     |
|----------------------------------|---------------------|
| Frequency range:                 | 380 ÷ 470 MHz       |
| Impedance ( Ohms ):              | 50                  |
| Max power ( W ):                 | 200                 |
| V.S.W.R.:                        | less than 1.5       |
| Polarization:                    | Vertical            |
| Emission:                        | Omnidirectional     |
| Gain:                            | 2.14 dBi over 1/4 l |
| Connector:                       | N Female            |
| DC GROUNDED LIGHTNING PROTECTION |                     |



#### TECHNICAL DATA GPS:

|                     |                                            |
|---------------------|--------------------------------------------|
| Antenna type:       | Active Planar Patch Antenna                |
| Center frequency:   | 1575,42 MHz                                |
| Bandwidth:          | ± 1,023 MHz                                |
| V.S.W.R.:           | less than 2.0                              |
| Impedance ( Ohms ): | 50                                         |
| Polarization:       | RHCP                                       |
| Supply voltage:     | 2.7 ÷ 5 V                                  |
| Current absorption: | 12 ± 1 mA at 2.7 V.<br>26 ± 1 mA at 5.0 V. |
| Gain amplifier:     | 24 ± 1 dB at 2.7 V.<br>26 ± 1 dB at 5.0 V. |
| Gain patch antenna: | 2 dB                                       |
| Noise figure:       | 1.7 ÷ 2.1 dB                               |
| Temperature ( °C ): | -30° - + 80°                               |