

Product Code:

## TS-SATFLST

### Satflex Orbcomm

#### ROOF MOUNT WHIP VHF/GPS

##### CABLE CONNECTORS

4m RG174

##### PRODUCT NARRATIVE

The Satflex range is based around a patented GPS design that allows multiband roof mount antennas be designed with a very small footprint.

This is particularly applicable where there is an existing AM/FM antenna installed on the roof. The Satflex has a very similar footprint and yet can contain up to 3 bands, for instance VHF, GPS, AM/FM

##### APPLICATION

Mobile assets like cars and trucks

##### ELECTRICAL DATA

|                              | GSM(optional)                 | GPS                                      | WLAN (optional) | Orbcomm                             |
|------------------------------|-------------------------------|--|-----------------|-------------------------------------|
| Frequency Range              | 870-960 MHz/<br>1710-1880 MHz | 1575 MHz                                 | 2.4 GHz         | Rx 137-138 MHz<br>Tx 148-150.05 MHz |
| Nominal Gain<br>(exl. cable) | 0 dBi                         | 26 dBi                                   |                 | -4 dBi                              |
| Max. Axial Ratio             | -                             | 4 dB                                     | -               | -                                   |
| VSWR                         | Mobile Tx & 2. 5 :1           | < 2:1                                    |                 |                                     |
| Rated Power                  | 10 W                          | 1W                                       | 5W              | 10W                                 |
| Polarisation                 | Linear                        | RHCP                                     | Linear          | Linear                              |
| Voltage                      | -                             | 3-5 V                                    | -               | -                                   |
| Isolation/Decoupling         | 12 dB                         | 12 dB                                    | 12 dB           | 12 dB                               |
| Noise Figure                 | -                             | 2 dB max.                                | -               | -                                   |
| Current Sink                 |                               | < 20 mA                                  |                 |                                     |
| Amplifier DC Power           | -                             | 3 to 5 VDC on coax<br>cable (+ve centre) | -               | -                                   |
| Impedance                    | 50 Ohms                       | 50 Ohms                                  | 50 Ohms         | 50 Ohms                             |

> Basauri, 17. Valrealty  
> edif. A, local E, 2º dcha.  
> 28023 Madrid

> tlf.: 91 372 97 51

> [tecnosegur@tecnosegur.com](mailto:tecnosegur@tecnosegur.com)

> [www.tecnosegur.com](http://www.tecnosegur.com)