

## STRAIGHT DIPOLE SMA 2.4GHZ PACKAGING 25

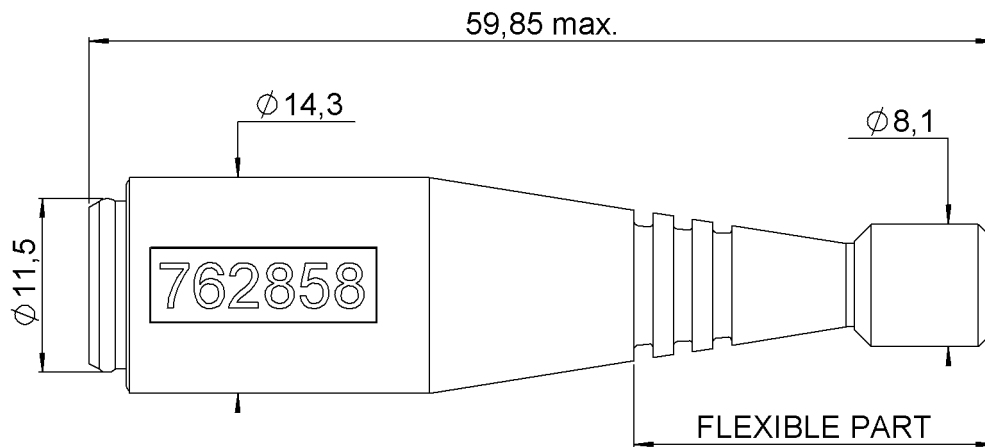
## OMNIDIRECTIONAL ANTENNA

**R380.500.139**

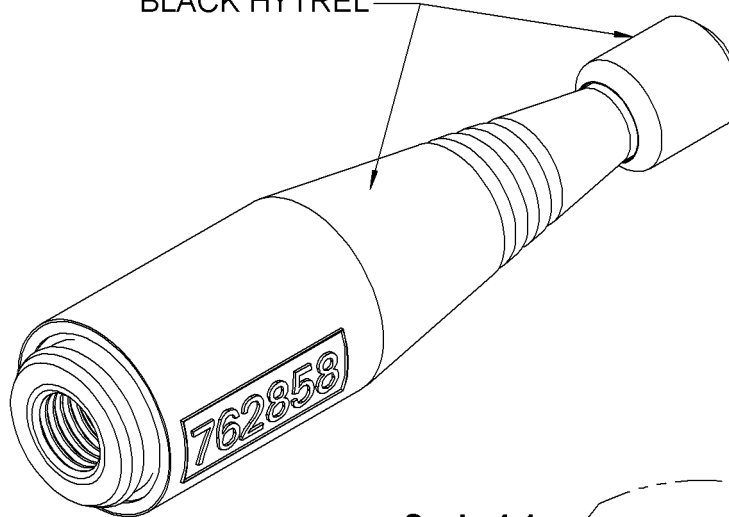
Series : ANTENNA

Scale 2:1

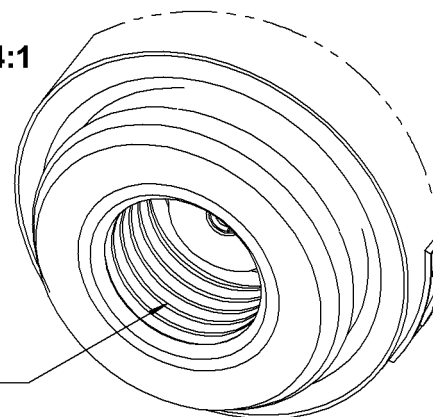
Specification Nbr. : FKZ 762858



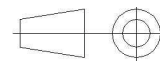
BLACK HYTREL



Scale 4:1

REVERSE  
SMA PLUG

All dimensions are in mm



Issue : 0740 A

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

RADIAL 

**STRAIGHT DIPOLE SMA 2.4GHZ PACKAGING 25****R380.500.139****OMNIDIRECTIONAL ANTENNA**Series : **ANTENNA****ELECTRICAL CHARACTERISTICS**

|                             |                                              |
|-----------------------------|----------------------------------------------|
| Frequency : .....           | <b>2.4-2.485 GHz</b>                         |
| Nominal Impedance : .....   | <b>50 <math>\Omega</math></b>                |
| VSWR : .....                | <b>2 Max</b>                                 |
| Gain (Overall gain) : ..... | <b>2 dBi</b>                                 |
| Radiation Pattern           | Omni-directional in the horizontal plane     |
| Polarization : .....        | <b>VERTICAL</b>                              |
| Power withstanding : .....  | <b>1 W</b>                                   |
| Connector type : .....      | <b>Reverse SMA Plug (Male) (gold plated)</b> |

**MECHANICAL CHARACTERISTICS**

|                              |                                                                             |
|------------------------------|-----------------------------------------------------------------------------|
| Plastic radome : .....       | <b>HYTREL G 3548 L</b>                                                      |
| Color : .....                | <b>BLACK</b>                                                                |
| Ingress Protection : .....   | <b>IP 54</b>                                                                |
| Weight : .....               | <b>10.2 g</b>                                                               |
| Overall length : .....       | <b>61.1 mm</b>                                                              |
| Flexibility : .....          | <b>100 Cycles <math>\pm</math> 180°</b>                                     |
| Pull Force : .....           | <b>68 N</b>                                                                 |
| Torque Resistance : .....    | <b>18 N.cm</b>                                                              |
| Flammability : .....         | <b>UL94-HB</b>                                                              |
| Drop test resistance : ..... | <b>5 ft drop to concrete (x30) mounted of a<br/>800 g handheld terminal</b> |

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**STRAIGHT DIPOLE SMA 2.4GHZ PACKAGING 25****R380.500.139****OMNIDIRECTIONAL ANTENNA**

Series : ANTENNA

**TESTS MECHANICAL**

Test report n° 2003-13-9245

**ENVIRONMENTAL CHARACTERISTICS**Operating temperature : ..... **-20/+50 ° C**Storage temperature : ..... **-40/+70 ° C****TESTS ENVIRONMENTAL**

Test report n° 2003-19-8353

In accordance with the DEF STAN 00-35

**PACKAGING**

| Standard  | Unit              | Other             |
|-----------|-------------------|-------------------|
| <b>25</b> | <b>‘W’ option</b> | <b>Contact us</b> |