

# 371 Planar Antenna

434 MHz / LTE-5G

|                                                                                                    |                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ANTENNA TYPE                                                                                       | Heavy duty and ultra small omni-directional UHF groundfree patch antenna with 434 MHz and LTE-5G antenna for roof mounting on trucks, trailers etc.<br>* LOW PROFILE DESIGN<br>* CAR-WASH PROOF<br>* NO GROUNDPLANE NEEDED |
| Tetra Antenna:<br>FREQUENCY<br><br>IMPEDANCE<br>POLARISATION<br>EMISSION<br>GAIN (dBi)<br><br>VSWR | $\frac{1}{2}$ Lambda<br>433.9 $\pm$ 5 MHz<br><br>Nom. 50 $\Omega$<br>Horizontal<br>Omnidirectional<br>2.14 dBi<br><br>See typical diagram                                                                                  |
| LTE-5G Antenna:<br>FREQUENCY<br><br>IMPEDANCE<br>POLARISATION<br>GAIN (dBi)<br>VSWR                | LTE-5G MHz: 698-960 (1) / 1710-2170 (2) / 2300-2690 (3) / 3400-3800<br>Nom. 50 $\Omega$<br>Vertical<br>LTE-5G (1) 5 / (2) 5 / (3) 5<br>< 2.2                                                                               |
| MAX. POWER                                                                                         | 50 Watt                                                                                                                                                                                                                    |
| COLOUR                                                                                             | Black                                                                                                                                                                                                                      |
| DIMENSIONS/ BUILD-IN DEPTH                                                                         | Ø 100 x 60 mm / Approx. 16 mm                                                                                                                                                                                              |
| WEIGHT                                                                                             | 200 g                                                                                                                                                                                                                      |
| MOUNTING                                                                                           | Preferable on horizontal surface<br>(Mounting hole Ø 16 mm)                                                                                                                                                                |
| MATERIAL                                                                                           | Base: PA6 30% Radome: PA6 30%<br>IP67 Classified (when mounted on vehicle); UV-resistance                                                                                                                                  |
| TEMPERATURE                                                                                        | -40°C - +80°C                                                                                                                                                                                                              |

|                   |                                                                                                 |
|-------------------|-------------------------------------------------------------------------------------------------|
| MOUNT TYPE        | Bolt-on type with double self-adhesive tape for effective sealing                               |
| CABLE / CONNECTOR | 434 MHz: ca. 0,30 m RG316 cable and SMA (m)<br>LTE-5G: ca. 0,30 m RG316 cable and SMA (m) (RED) |

