

# 270 Shark Antenna

TETRA / GPS NAVI / GPS Positioning / LTE / WLAN /DAB / FM

|                                                                                                                                                                  |                                                                                                                                                                   |
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| MOUNT TYPE                                                                                                                                                       | Roof-mounted mobile antenna with integrated 2 x active GPS, LTE, WLAN / DAB / FM antenna, (TETRA via whip)<br>Rod elevation: 75°                                  |
| GPS/GNSS/GALILEO antenna part:<br>ANTENNA TYPE<br>POLARISATION<br>FREQUENCY<br>IMPEDANCE<br>VSWR<br>GAIN (LNA)<br>NOISE FIG.<br>POWER SUPPLY                     | Active ceramic patch antenna on PCB<br>RHC (Right Hand Circular)<br>1575,42 MHz<br>Nom. 50 Ω<br>Less than 2.0<br>Nom. 26 dB<br>Typ. 1.8-2.2 dB<br>+ 2,7 - 5,1 VDC |
| LTE antenna part:<br>ANTENNA TYPE<br>POLARISATION<br>FREQUENCY<br>IMPEDANCE<br>VSWR<br>MAX POWER<br>EMISSION<br>GAIN (dBi)                                       | 1/4 Mobile Antenna<br>Vertical<br>698-960 MHz / 1710-2700 MHz<br>Nom. 50 Ω<br>Less than 3.0<br>10 Watt<br>Omnidirectional<br>Nom. 2.14                            |
| TETRA antenna part:<br>ANTENNA TYPE<br>POLARISATION<br>FREQUENCY<br>IMPEDANCE<br>VSWR<br>MAX POWER<br>EMISSION<br>GAIN (dBi)<br>ROD LENGTH (mm)<br>ROD ELEVATION | 1/4 Mobile Antenna<br>Vertical<br>380-430 MHz<br>Nom. 50 Ω<br>Less than 1.8<br>20 Watt<br>Omnidirectional<br>Nom. 2.14<br>175<br>75°                              |
| WLAN antenna part:<br>ANTENNA TYPE<br>POLARISATION<br>EMISSION<br>FREQUENCY<br>VSWR<br>IMPEDANCE<br>MAX POWER<br>GAIN                                            | 1/4 Mobile Antenna<br>Vertical<br>Omnidirectional<br>2400-2485 / 5250-5850 MHz<br>Less than 3.0<br>Nom. 50 Ω<br>10 Watt<br>0 dBd (2,15 dBi)                       |

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| FM antenna part:<br>ANTENNA TYPE<br>POLARISATION<br>FREQUENCY<br>IMPEDANCE<br>VOLTAGE<br>GAIN                  | FM antenna<br>Vertical<br>UKW: 76-110 MHz<br>Nom. 75 $\Omega$<br>10-16 with phantom power<br>14 dB                                                                                                                                                                                                            |                                                                                                       |
| DAB antenna part:<br>ANTENNA TYPE<br>POLARISATION<br>EMISSION<br>FREQUENCY<br><br>IMPEDANCE<br>VOLTAGE<br>GAIN | 1/4 Mobile Antenna<br>Vertical<br>Omnidirectional<br>Band III: 174-240 MHz<br>Band L: 1452-1492 MHz<br>Nom. 50 $\Omega$<br>10-16 no phantom power<br>Band III: 10 dB<br>Band L: 12 dB                                                                                                                         |                                                                                                       |
| COLOUR                                                                                                         | Black                                                                                                                                                                                                                                                                                                         |                                                                                                       |
| MATERIALS                                                                                                      | Polyamide 6, Arnitel EP 400, Pibiflex 2564                                                                                                                                                                                                                                                                    |                                                                                                       |
| DIMENSIONS                                                                                                     | 95 x 52 mm                                                                                                                                                                                                                                                                                                    |                                                                                                       |
| MOUNTING-HOLE                                                                                                  | Squared: 15 x 15 mm<br>Round: $\varnothing$ 19 mm                                                                                                                                                                                                                                                             |                                                                                                       |
| CONNECTION TO<br>ANTENNA WHIP                                                                                  | M5                                                                                                                                                                                                                                                                                                            |                                                                                                       |
| CABLE / CONNECTOR                                                                                              | GPS: 2 x 0,30 m RG178 Fakra (m) connector (BLUE)<br>LTE: 0,30 m RG316 Fakra (m) connector (RED)<br>TETRA: 0,30 m RG316 Fakra (m) connector (UINVERSAL)<br><br>WLAN: 0,30 m RG316 Fakra (m) connector (BEIGE)<br>FM: 0,30 m RG178 Fakra (m) connector (WHITE)<br>DAB: 0,30 m RG178 Fakra (m) connector (BLACK) |                                                                                                       |
| SPARE PARTS                                                                                                    | WHIP                                                                                                                                                                                                                                                                                                          | Art. No. 7710 TETRA 1/4, LTE<br>Art. No. 7714 TETRA 1/4, LTE<br>Art. No. 7720 VHF 1/4, TETRA 5/8, LTE |

Monntage Kit  
Audi/Seat/VW



Montage Kit  
Audi (neueste Generation)



270 excl. whip

Whip optional



7710

7714

7720