

150 Shark Antenna

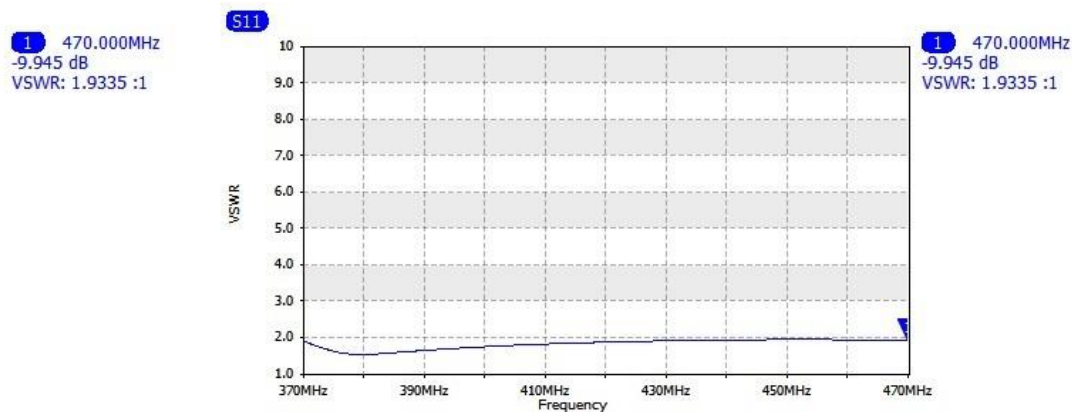
For VW/Skoda/Seat - TETRA / 5G / 2xWLAN-P and
active GPS / GLONASS / GALILEO

ANTENNA TYPE	<p>Roof mounted camouflage shark antenna for new models of VW, Seat and Skoda. Integrated $\frac{1}{2}$ Lambda TETRA, 5G, 2xWLAN-P and active GPS</p> <ul style="list-style-type: none"> * Design fits to all Volkswagen models and to other car manufacturer * Groundfree; installation on plastic roofs possible * Simple installation * Full range of mobile frequencies up to 5G * 2xWLAN-P * NON-CORROSIVE
TETRA antenna part: ANTENNA TYPE POLARISATION EMISSION FREQUENCY VSWR IMPEDANCE GAIN (dBi) MAX POWER	<p>Omnidirectional $\frac{1}{2}\lambda$ Mobile Antenna (inside)</p> <p>Vertical</p> <p>Omnidirectional</p> <p>380-470 MHz</p> <p>< 2.0 (see diagram)</p> <p>Nom. 50 Ω</p> <p>3.5 dBi</p> <p>20 Watt</p>
GPS antenna part: ANTENNA TYPE POLARISATION FREQUENCY BANDWIDTH VSWR IMPEDANCE GAIN (LNA) CURRENT ABSORPTION GAIN PATCH ANTENNA NOISE FIG. POWER SUPPLY	<p>Active ceramic patch antenna on PCB</p> <p>RHC (Right Hand Circular)</p> <p>1580 MHz</p> <p>± 28 MHz</p> <p>< 2</p> <p>Nom. 50 Ω</p> <p>Nom. 26 dB ± 3 at 3.0 V</p> <p>13 ± 2 mA at 3.0 V</p> <p>1 dB</p> <p>1.5 dB</p> <p>+ 3,0 - 5,5 VDC (10-30 mA)</p>
5G Antenna: FREQUENCY IMPEDANCE POLARISATION GAIN (dBi) VSWR INSTALLATION CABLE	<p>MHz: 617-960 / 1710-2700 / 3400-6000</p> <p>Nom. 50 Ω</p> <p>Vertical</p> <p>5G 2 – 4.5 dB</p> <p>See diagram</p> <p>5.00m suggested</p>
WLAN-P Antenna: FREQUENCY IMPEDANCE POLARISATION GAIN (dB)	<p>2400-2490 / 5200-7200 MHz</p> <p>Nom. 50 Ω</p> <p>Vertical</p> <p>2 – 4 dB</p>

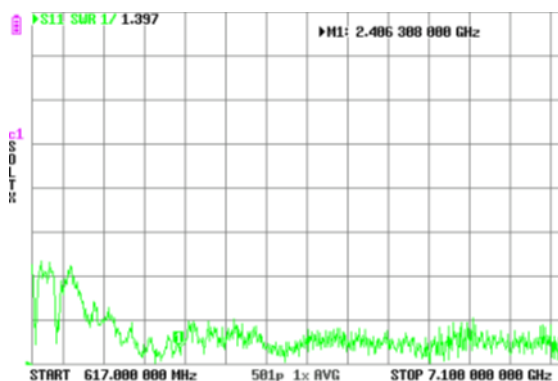
DIMENSIONS	174 x 90 x 84 mm
HIGHT ABOVE ROOF	Approx. 50 mm
MOUNTING HOLE	Ø 19 mm
MATERIALS	Aluminium Alloy Nikel plated, Cover PA6 Gasket Arnitel TL380 and steel
WEIGHT	400 gr.
BUILD-IN DEPTH	Approx. 20 mm
TEMPERATURRANGE (GPS)	-35°C - 85°C -30°C - 80°C
CABLE / CONNECTOR	GPS: 0,30 m RG316 Fakra (m) C connector (blue) 5G: 0,30 m RG316 Fakra (m) D connector (red) WLAN: 2x 0,30 m RG316 Fakra (m) I connector (beige) Comm: 0,30 m RG316 Fakra (m) Z connector (uni)



Tetra



5G/LTE



WLAN

