

190 Shark Antenna

For Ford Transit and VW T.7 Models - TETRA / 2x5G / WLAN and
active GPS / GLONASS / GALILEO

ANTENNA TYPE	Roof mounted camouflage shark antenna for new models of Ford Transit and VW T7. Integrated $\frac{1}{4}$ Lambda TETRA, 2x 5G-LTE, WLAN-P and active GPS * Design fits to all Ford Transit and Volkswagen T7 vans and could be used as a roof antenna to other car manufacturer * Replace the original antenna on the left front side * Simple installation * 2 x Full range of mobile frequencies up to 5G * WLAN * NON-CORROSIVE
TETRA antenna part: ANTENNA TYPE POLARISATION EMISSION FREQUENCY VSWR IMPEDANCE GAIN (dBi) MAX POWER	PCB tuned omnidirectional $\frac{1}{4}\lambda$ Mobile Antenna (inside) Vertical Omnidirectional 380-410 MHz 1.4 ÷ 2.9 see typical diagram with matching box Nom. 50 Ω 2.1 dBi 15 Watt
GPS antenna part: ANTENNA TYPE POLARISATION FREQUENCY BANDWIDTH VSWR IMPEDANCE GAIN (LNA) CURRENT ABSORPTION GAIN PATCH ANTENNA NOISE FIG. POWER SUPPLY	Active ceramic patch antenna on PCB RHC (Right Hand Circular) 1580 MHz ± 28 MHz < 2 Nom. 50 Ω Nom. 26 dB ± 3 at 3.0 V 13 ± 2 mA at 3.0 V 1 dB <1.5 dB + 2,7 - 5,1 VDC (10-30 mA)
2x 5G-LTE Antenna: FREQUENCY IMPEDANCE POLARISATION GAIN (dBi) VSWR	MHz: 617-960 / 1710-2700 / 3000-7200 Nom. 50 Ω Vertical 2 – 4 dBi 1.5 ÷ 6
WLAN Antenna: FREQUENCY IMPEDANCE POLARISATION GAIN (dBi) VSWR	2400-2485 / 5250-5900 MHz Nom. 50 Ω Vertical 4 - 2400 MHz 5 - 5800 MHz 2 ÷ 4 (see typical diagram)

DIMENSIONS	205 x 90 x 40 mm
MOUNTING	On the roof
MOUNTING HOLE	Ø 19 mm
MATERIALS	PC - Asa
COLOUR	Black
WEIGHT	440 gr.
BUILD-IN DEPTH	Approx. 20 mm
TEMPERATURRANGE	-30°C - 80°C
CABLE / CONNECTOR	GPS: 0,30 m RG316 Fakra (m) C connector (blue) 2 x 5G: 0,30 m RG316 Fakra (m) D connector (red) WLAN: 0,30 m RG316 Fakra (m) I connector (beige) Comm: 0,30 m RG316 Fakra (m) Z connector (uni)



CONNECTING CABLE TO FORD/VW	Serial 5G and WLAN: 2 x 0.50 m RG316 Fakra (fem) D and I to 4x Mini Fakra Connector
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Tetra

Gain GPS/GLONASS/GALILEO



Curve 5G/LTE

SWR WLAN

