

136 Shark Antenna

TETRA / LTE / WLAN / GPS

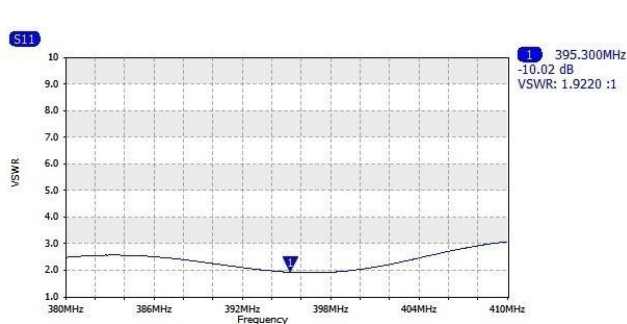
MOUNT TYPE	Roof-mounted camouflage antenna with GPS-GNSS-GALILEO, LTE, WLAN and integrated Tetra with matching box
GPS/GNSS/GALILEO antenna part: ANTENNA TYPE POLARISATION FREQUENCY IMPEDANCE VSWR GAIN NOISE FIG. POWER SUPPLY	Active planar patch antenna RHC (Right Hand Circular) 1580 MHz Nom. 50 Ω Less than 2.0 26 +/- 3 dB at 3.0 V. Type. 1.7-2.1 dB + 2,7 - 5,1 VDC
LTE Antenna: FREQUENCY IMPEDANCE POLARISATION GAIN (dBi) VSWR	LTE MHz: 698-960 (1) / 1710-2170 (2) / 2300-2690 (3) Nom. 50 Ω Vertical LTE (1) 2.5 / (2) 3.5 / (3) 2.0 \pm 1 < 2.2
WLAN Antenna: POLARISATION EMISSION FREQUENCY VSWR IMPEDANCE GAIN	Vertical Omnidirectional 2400-2485 / 5250-5850 MHz Less than 3.0 Nom. 50 Ω 8.5 – 2400 MHz / 9 – 5000 MHz
TETRA antenna part: ANTENNA TYPE POLARISATION EMISSION FREQUENCY VSWR IMPEDANCE GAIN (dBi) MAX POWER	1/4 Wavelength mobile antenna (inside) Vertical Omnidirectional 380-430 MHz with matching box, preset 380-410 MHz or 430-470 MHz 2-3.2 or less than 2.7 with matching box Nom. 50 Ω 1.5 dBi at 400 MHz 12 Watt



COLOUR	Black	
MATERIALS	Aluminium Alloy Nickel plated	
BASE:	Aluminium Alloy Nickel plated	
COVER:	PA6, Gasket TL380	
DIMENSIONS	145 x 70 x 70 mm	
WEIGHT	270 +/- 10 g	
TEMPERATIURE (°C)	-35° / +80°	
MOUNTING-HOLE	Squared: 15 x 15 mm Round: Ø 19 mm	
CABLE / CONNECTOR	GPS: 0.30 m RG316 Fakra (m) connector (BLUE) LTE: 0.30 m RG316 Fakra (m) connector (RED) WLAN: 0.30m RG316 Fakra (m) connector (BEIGE) TETRA: 0.30 m RG316 Fakra (m) connector (UNI) TETRA extension cable to the matching box: 3.50 m RF-195 halo/flame fixed length not cutable	



Typical SWR w/o matching box



Typical SWR with matching box

