

# 122 Shark Antenna

2 x GPS / 2 x LTE / 2 x WLAN / Radio (optional via whip)

MOUNT TYPE	Roof-mounted MIMO shark antenna with 2 x GPS-GNSS-GALILEO, 2 x LTE and 2 x WLAN
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 $\Omega$ Less than 2.0 18+/- 1 dB at 2.7 V. 22 +/- 1 dB at 5.0 V. Type. 1.7-2.1 dB + 2,7 - 5,1 VDC
LTE antenna part: ANTENNA TYPE POLARISATION FREQUENCY IMPEDANCE VSWR EMISSION GAIN (dBi)	Vertical 698-960 MHz / 1710-2700 MHz Nom. 50 $\Omega$ Less than 3.0 Omnidirectional 5 – 890 MHz 5 – 1710 MHz 2 – 2690 MHz
WLAN antenna part: ANTENNA TYPE POLARISATION EMISSION FREQUENCY VSWR IMPEDANCE GAIN	Vertical Omnidirectional 2400-2485 / 5250-5850 MHz Less than 3.0 Nom. 50 $\Omega$ 8.5 – 2400 MHz 9 – 5000 MHz
Radio antenna part: ANTENNA TYPE (FREQUENCY) POLARISATION IMPEDANCE VSWR MAX POWER EMISSION GAIN (dBi) ROD LENGTH (mm) ROD ELEVATION	- 380-430 MHz 1/4 7610/ 5/8 7620 - 130-230 MHz 1/4 7620 Vertical Nom. 50 $\Omega$ Less than 1.8 20 Watt Omnidirectional Nom. 2.14 / 5.15 175 / Approx. 500 (depending on freq.) 75°

COLOUR	Black
MATERIALS	
Base:	Aluminium alloy EN A W-6082
Radome:	Polycarbonate
DIMENSIONS	140 x 62 x 52 mm
MOUNTING-HOLE	Squared: 15 x 15 mm Round: Ø 19 mm
CONNECTION TO ANTENNA WHIP	M5
CABLE / CONNECTOR	GPS: 2 x 0,30 m RG316 Fakra (m) connector (BLUE) LTE: 2 x 0,30 m RG316 Fakra (m) connector (RED) Radio: 0,30 m RG316 and Fakra (m) connector (UNIVERSAL) WLAN: 2 x 0,30 m RG316 and Fakra (m) connector (BEIGE)



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Whip optional:



7610



7620