

128 Shark Antenna

2 x GPS / LTE-5G / DAB / FM radio active / Radio (optional via whip)

MOUNT TYPE	Roof-mounted shark antenna with 2 x GPS-GNSS-GALILEO, LTE-5G, FM radio active, DAB and Radio (UHF or VHF)
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 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 / 5G : 3400 -3800 MHz Nom. 50 Ω Less than 3.0 Omnidirectional 5 – 890 MHz 5 – 1710 MHz 2 – 2690 MHz
FM antenna part: ANTENNA TYPE FREQUENCY VOLTAGE SUPPLY CURR. CONSUMPTION	FM antenna UKW: 87.5-108 MHz 10-16 VDC on 12V power supply (by cable) < 80mA
DAB antenna part: ANTENNA TYPE FREQUENCY IMPEDANCE VOLTAGE CURR. CONSUMPTION	1/4 Mobile Antenna Band III: 174-240 MHz Band L: 1452-1492 MHz Nom. 50 Ω 9-16 VDC phantom power on DAB cable or (via separate 12 V power supply) <80 mA
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 Ω Less than 1.8 20 Watt Omnidirectional Nom. 2.14 / 5.15 175 / Approx. 500 (depending on freq.) 75°

COLOUR	Black
MATERIALS	
Base:	Arnitel EM 400
Radome:	Polyamide 6
DIMENSIONS	136 x 65 x 52 mm
MOUNTING-HOLE	Squared: 15 x 15 mm Round: Ø 19 mm
CONNECTION TO ANTENNA WHIP	M5
TEMPERATURE (°C)	-30° - +80°
CABLE / CONNECTOR	GPS: 2 x 0,30 m RG316 Fakra (m) connector (BLUE) LTE: 0,30 m RG316 Fakra (m) connector (RED) Radio: 0,30 m RG316 and Fakra (m) connector (UNIVERSAL) DAB: 0,30m RG178 and Fakra (m) connector (BLACK) FM active: 0,30 m RG178 and Fakra (m) connector (WHITE)



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Whip optional:



7610



7620