

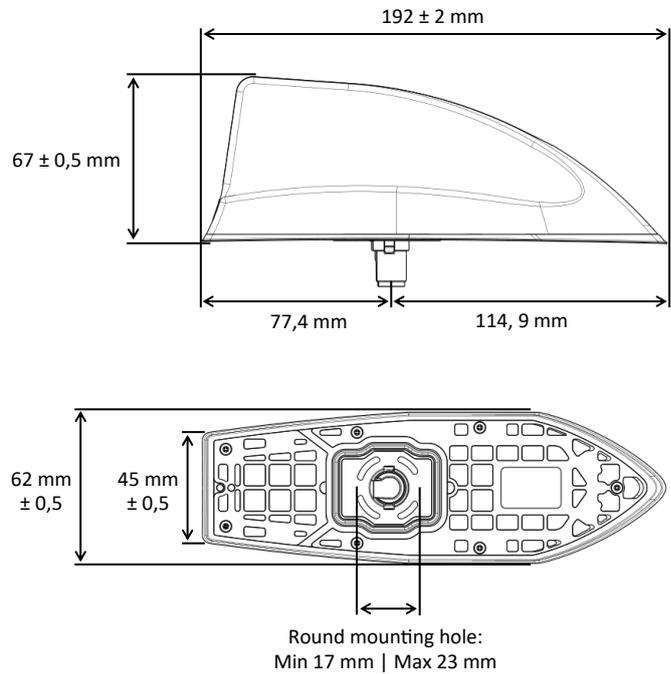
SHARK 3 BROADCASTING RANGE

GENERAL DESCRIPTION

Multifunctional antenna with shark-fin design. The innovative design solutions used in the SHARK3 antenna range ensure the higher performance and reliability for all functions.



DIMENSIONS



VERSIONS	AM / FM	DAB	GNSS	GSM / UMTS / LTE
P/N 7677520 - QUAD	•	•	•	•
P/N 7677510 - TRIPLEX	•	•	•	
P/N 7677500 - COMBI RADIO	•	•		

TECHNICAL DATA	AM / FM	DAB	GNSS	GSM / UMTS / LTE
Frequencies	AM: 525 - 1710 kHz FM: 87,5 - 108 MHz	174 - 240 MHz	1559 - 1610 MHz	GSM: 876-935 / 1710-1880 MHz UMTS: 1900-2025 / 2110-2200 MHz LTE: 698-960 / 1710-2160 / 2490-2690 MHz
Power supply	12 Volt Phantom	12 Volt Phantom	3 - 5 Volt Phantom	--
Consumption	63 mA	40 mA	31 mA	--
Impedance	50 Ω	50 Ω	50 Ω	50 Ω
Gain	0 dBi	6 dBi	28 dBi	4 dBi (peak)
VSWR	FM < 2:1	< 3:1	1,7:1	3:1
Noise figure	FM 2,8 dB	2,4 dB	1,45 dB	--
Polarization	Linear - Vertical	Linear - Vertical	Circular (RHCP)	Linear - Vertical
Max power	--	--	--	4 Watt
Connectors	FAKRA Male WHITE	FAKRA Male BLACK	FAKRA Male BLUE	FAKRA Male BORDEAUX
Cables type	RG174	RG174	RG174	RG174
Cables lenght	210 mm	310 mm	410 mm	260 mm
Extension cables	Optional			
Mounting	Metal plane			
Coachwork drilling	Round: min 17 mm - max 23 mm			
Tightening torque	7 N·m ± 10%			
Weight	± 230 g			
Temperature	Working: -40° to +95° / Storage: -40° C to +105° C			
IP protection	IP69			

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