

EC3170

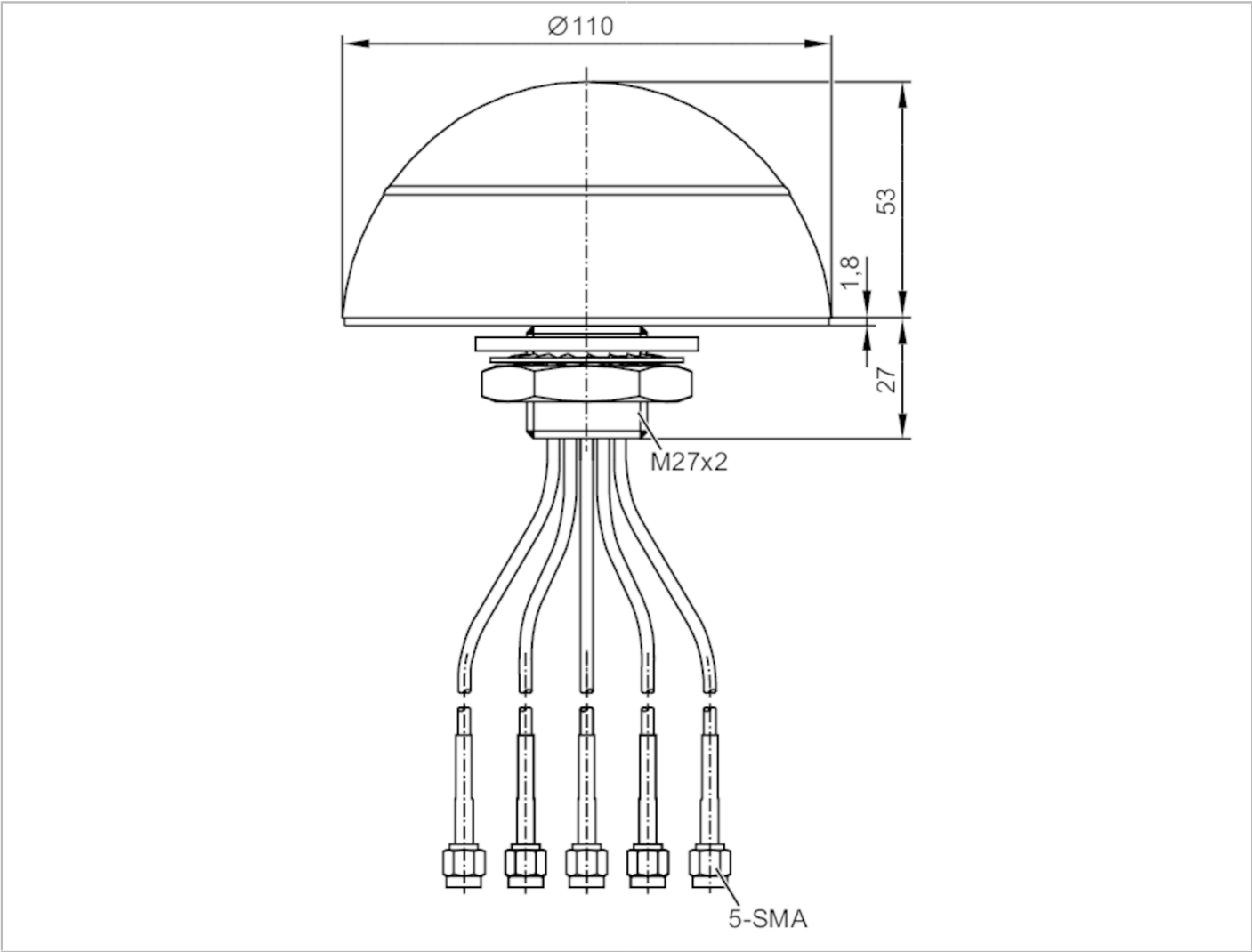


Combined antenna for navigation and radio

Mobile/GNSS/WIFI Antenna

phase-out article

Alternative articles: EC3158
When selecting an alternative article and accessories please note that technical data may differ!



Interfaces	
GNSS	
Frequency band	1575,42...1610 MHz
Connector type	SMA
Note on interfaces	Operating voltage: 3...5 V DC
	Current consumption: < 15 mA
	Impedance: 50 Ohm
	Polarisation: RHCP
	LNA: 28 ± 2 dB
	LNA V.S.W.R.: < 2,0
	noise density: < 1,5 dB



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Mobile/GNSS/WIFI Antenna

Mobile networks	
Transmission standard	LTE Cat-4
Frequency band	LTE: 698...960 MHz; 1710...2690 MHz
Connector type	SMA
Note on interfaces	Impedance: 50 Ohm
	Polarisation: linear vertical
WLAN	
Frequency band	2400...2483,5 MHz; 4900...5825 MHz
Connector type	SMA
Note on interfaces	Impedance: 50 Ohm
	Polarisation: linear
	noise density: 2 dBi
Operating conditions	
Ambient temperature [°C]	-40...85
Protection	IP 67
Mechanical data	
Weight [g]	597.5
Type of mounting	screw mounting
Dimensions [mm]	Ø 110 / L = 55
Materials	ABS
Remarks	
Pack quantity	1 pcs.
Electrical connection - GPS	
Cable: 3 m	
Connector: 1 x SMA	
Electrical connection - Mobile networks	
Cable: 3 m	
Connector: 2 x SMA	
Electrical connection - WLAN	
Cable: 3 m	
Connector: 2 x SMA	