SK0200170 Mallard Antenna 2-in-1 Black incl. 5m Coax Cables

SureAntennas®

- 2 Functions in 1 Antenna
- ESN Transition Antenna
- Ultra-Wide Bandwidth 698MHz – 6000Mhz
- 2x2 MiMo Dual Band WiFi
- Low Profile OEM Styled Shark Fin
- Simple, Single Hole Installation
- CE Directive 2014/53/EU Compliant

Available in white: SK0200230

This 'Mallard' is supplied as a kit with all coax cables to support general SMA connections, mostly suited to vehicle routers.

With market leading isolation to support ESN, there is no need to fit two antennas to your vehicle. With many fitting kit options available there is no reason to drill unwanted holes to the roof of your car. Contact Sure Antennas for many optional fitting accessories.

Designed as a multi-function antenna, the Mallard supports a 2x2 MiMo WiFi function. This antenna would be an ideal solution for future proofing your new vehicle installations for ESN.

With a single hole installation, and so many potential frequency functions on offer, this antenna would help reduce installation costs and protect your vehicles resale value. Available with an option of 3m or 5m low loss coax extension cables all terminated and labeled for ease of installation.

Additional Part Number Options

SK0200160	Mallard Antenna 2-in-1 Black incl. 5m Coax Cables - 2x2 LTE
SK0200162	Mallard Antenna 2-in-1 Black incl. 3m Coax Cables - 2x2 LTE
SK0200172	Mallard Antenna 2-in-1 Black incl. 3m Coax Cables - 2x2 WiFi
SK0200220	Mallard Antenna 2-in-1 White incl. 5m Coax Cables - 2x2 LTE
SK0200222	Mallard Antenna 2-in-1 White incl. 3m Coax Cables - 2x2 LTE
SK0200230	Mallard Antenna 2-in-1 White incl. 5m Coax Cables - 2x2 WiFi
SK0200232	Mallard Antenna 2-in-1 White incl. 3m Coax Cables - 2x2 WiFi

Technical Specifications

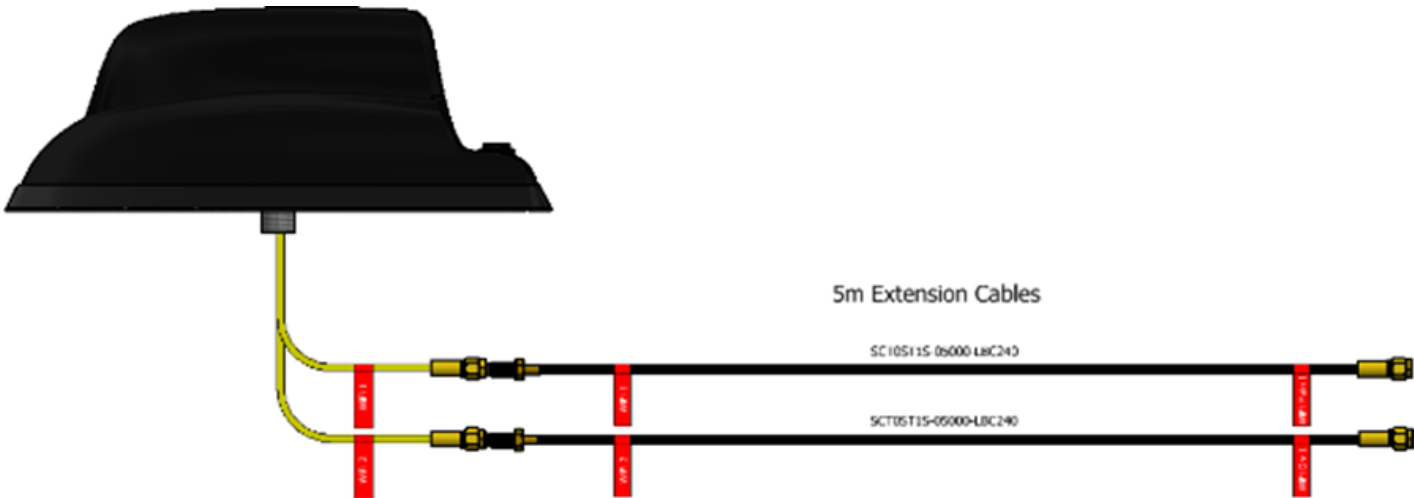| Electrical Data	WiFi
Frequency Range (MHz)	2.4 GHz & 5.8GHz
Band	2x2 MiMo Dual Band WiFi
VSWR	<2.1:1 TYPICALLY 1.5:1
Gain	Minimum 4dBi
Isolation	<-25dB
Polarisation	Vertical
Pattern	Omni-directional
Impedance	50Ω
Max Power Input (W)	10W
Mechanical Data	
Dimensions (mm)	H80xW70xL230
Operating Temp (°C)	-40 / +80°C (-40° / 176°F)
Material	ABS/PC
Colour	Black
Weight (g)	310
Ingress Protection	IP66
Cable Data	
Cable Type	RG316
length	200mm
Diameter	2.8
Termination	SMA (m) Reverse Polarity
Mounting Data	
Mounting Type	Panel mount
Mounting Hole (mm)	15mm
Max Panel Thickness (mm)	10mm

Subject to change without prior notice.

Supplied Coax Extension Cables

Coax Cables	2x WiFi
Cable Type	SBC240
length	5m or 3m
Diameter (mm)	6.1
Min. Bend Radius (mm)	30
Operating Temp. °C	-40-80
Termination	SMA Reverse Polarity (m)
Labeling	WiFi M & WiFi A

Technical Drawing

5m Extension Cables

SC10S11S-0s000-LBC240

SCT0ST1S-05000-LBC240

CE RoHS COMPLIANT

Mallard Antenna Dimensions
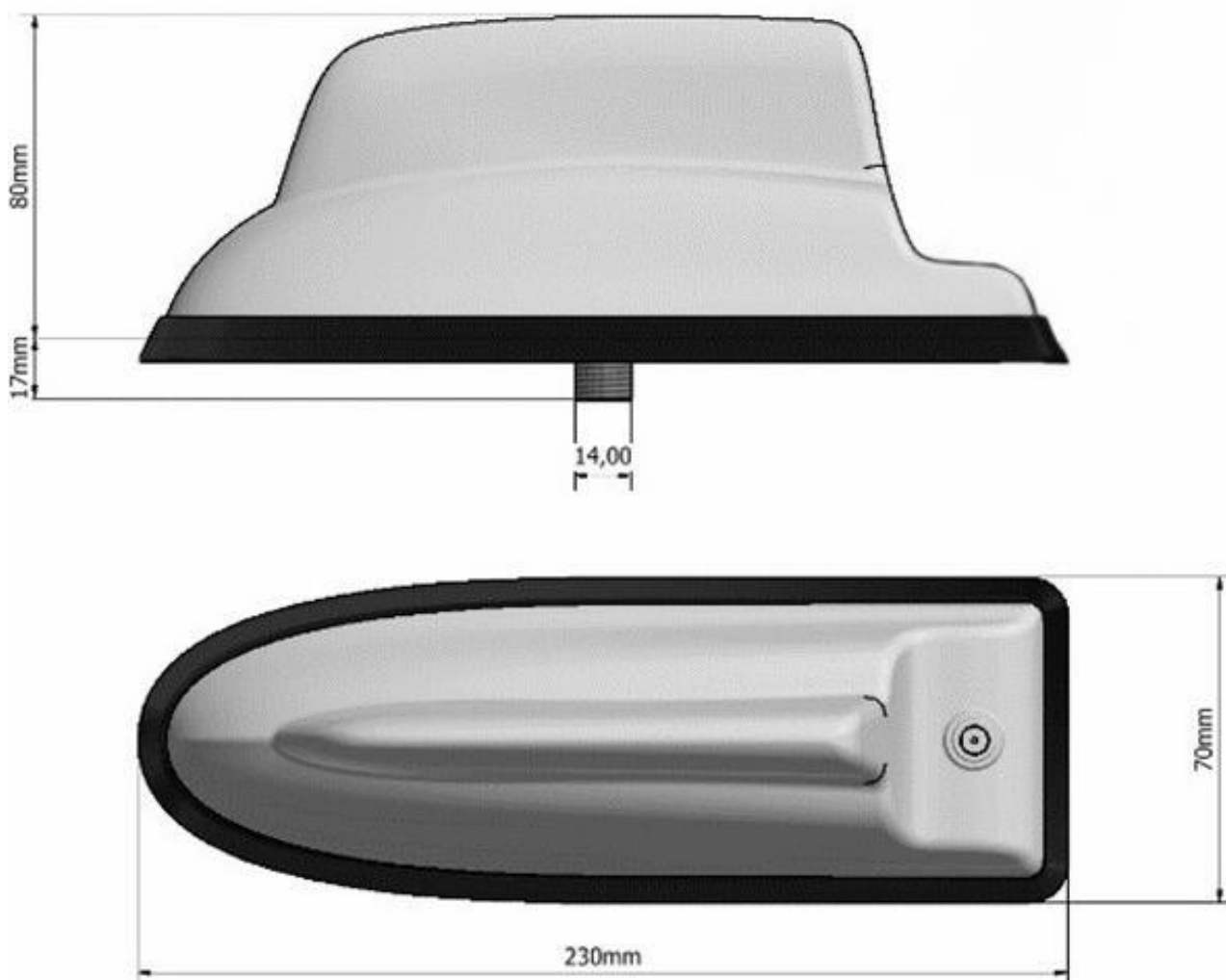
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WiFi VSWR Plot

MARKERS: MHz   MHz
dual wifi.s1p - S11

1: 2500	1.73	3: 3400	5.74
2: 2690	2.92	4: 3800	4.22

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MOBILE RADIO

ACM ISO 9001 · UKAS · BRITISH APCO · A MEMBER OF ADS · theavi · fcs · MOTOROLA SOLUTIONS PLATINUM CHANNEL PARTNER
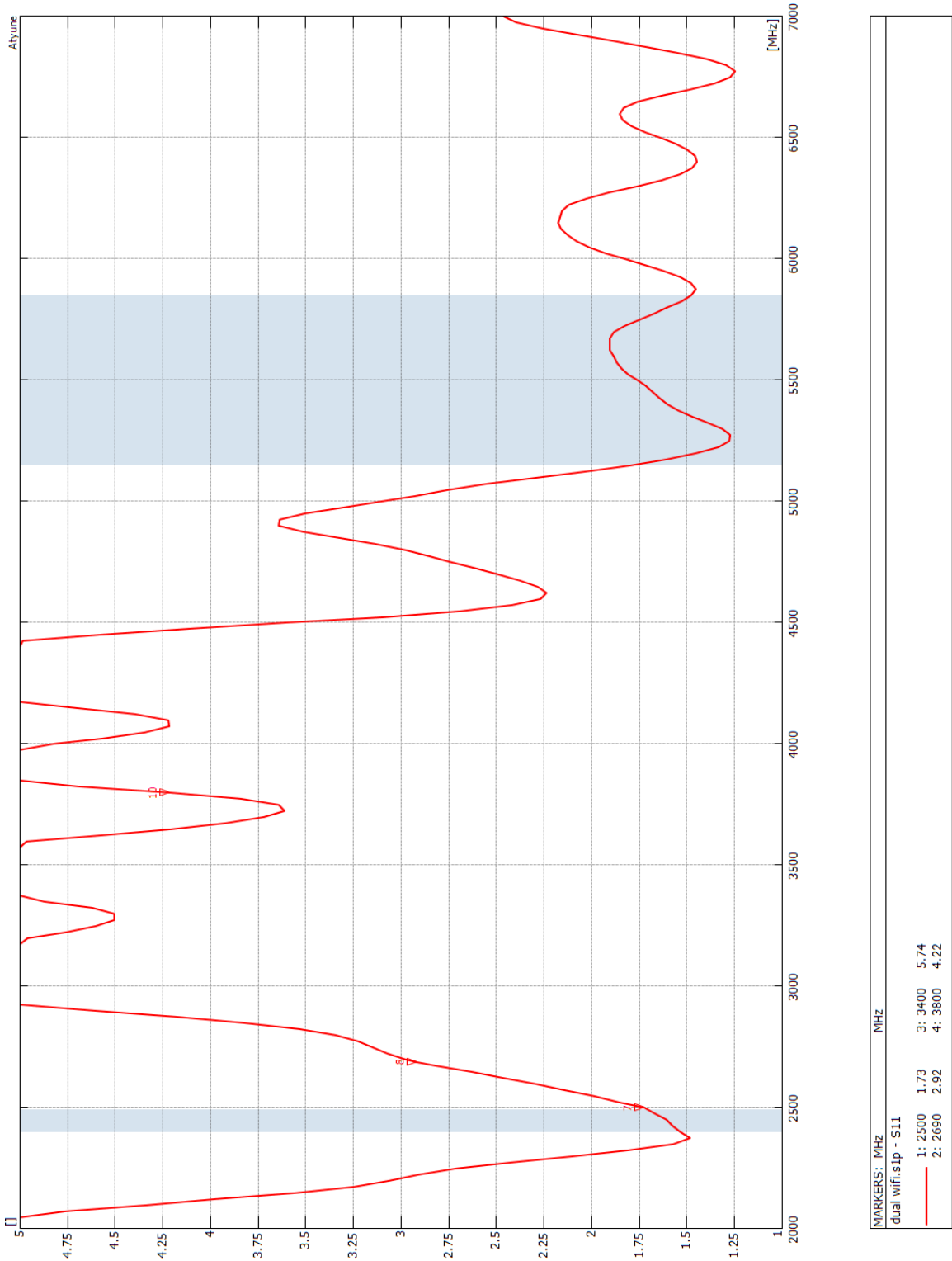
Antenna 3D Gain Plots

0.82 GHz
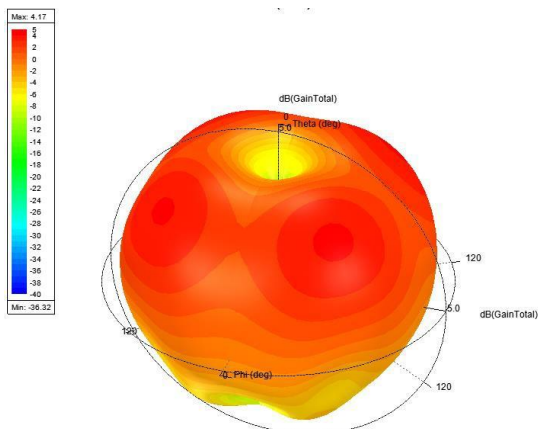
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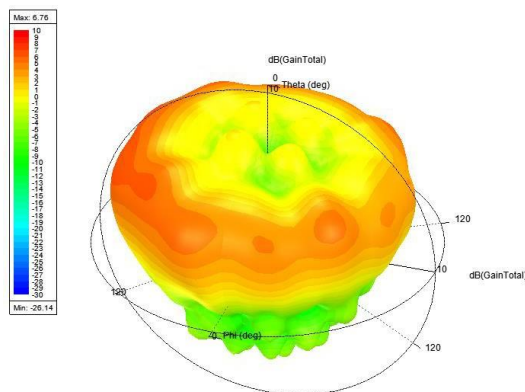
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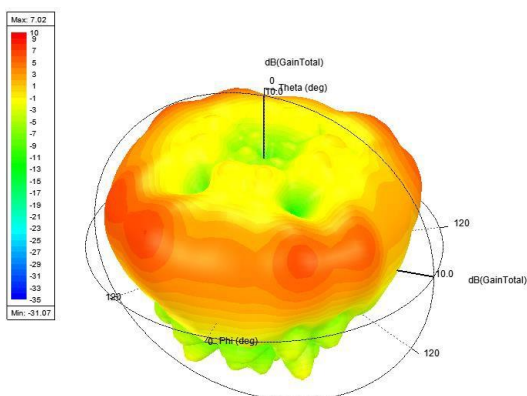
2.6 GHz
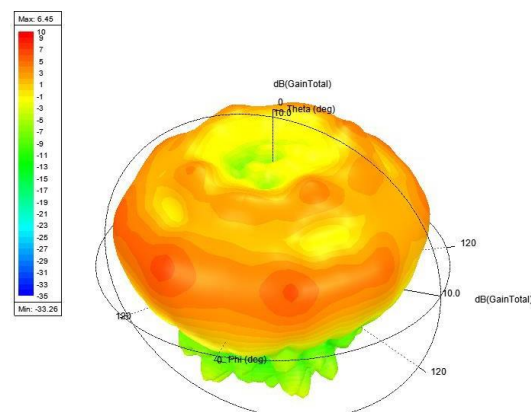
3.6 GHz
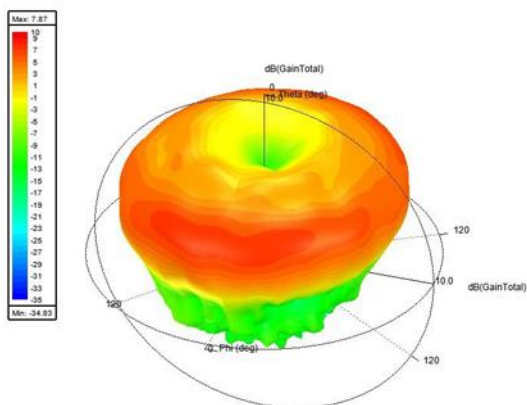
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Optional Installation Accessories

0250-MP074.01	Mallard Thread Extender M14x1.5	
SK0229200	WiFi Adaptor Cable 500mm Panasonic CF33 Havis Dock RP SMA - TNC	
SK0125501	WiFi/Bluetooth Adaptor Cable 10mm Handsfree R5 RP SMA - Water Blue Fakra	
ST500S	**WiFi** 50 ohm Terminations : SMA Female RP	
Other optional custom coax cables are available, please contact us for more information.		

www.sure-antennas.com

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MOBILE RADIO