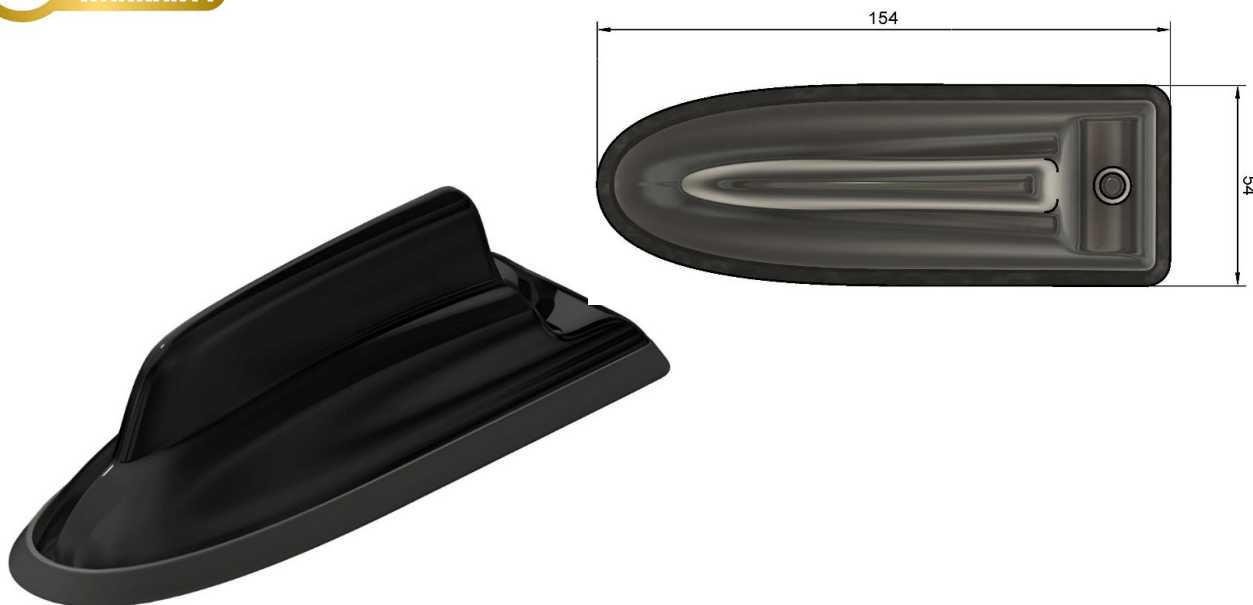


SK0200180 'Mallard' 4-in-1 Antenna Black incl. 5m Coax Cables



The '**Mallard**' is a low-profile, multifunction antenna designed for blue-light and amber-light vehicle fleets, combining up to 9 functions within a single panel-mounted unit. With optional fitting kits, the 'Mallard' can be installed using the existing OEM mounting hole, preventing the need to drill additional holes and maintaining OEM functions.

This variant supports **4 Functions** including **4x WiFi**

Also Available in White: Part No. SK0200240



Part No.

SK020401

Cable Kit Options

Product Kit : Black 4 in 1 Mallard Antenna & 5m Coax Ext Cable Kit : CM
Specialist : Terminated Cables

Additional options available upon request.

A brand of



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SK0200180 'Mallard' 4-in-1 Antenna Black incl. 5m Coax Cables

Technical Specifications

Part No.	SK0200180
Electrical Data	
Frequency Range (MHz)	2.4 GHz & 5.8GHz
Band	4x4 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.

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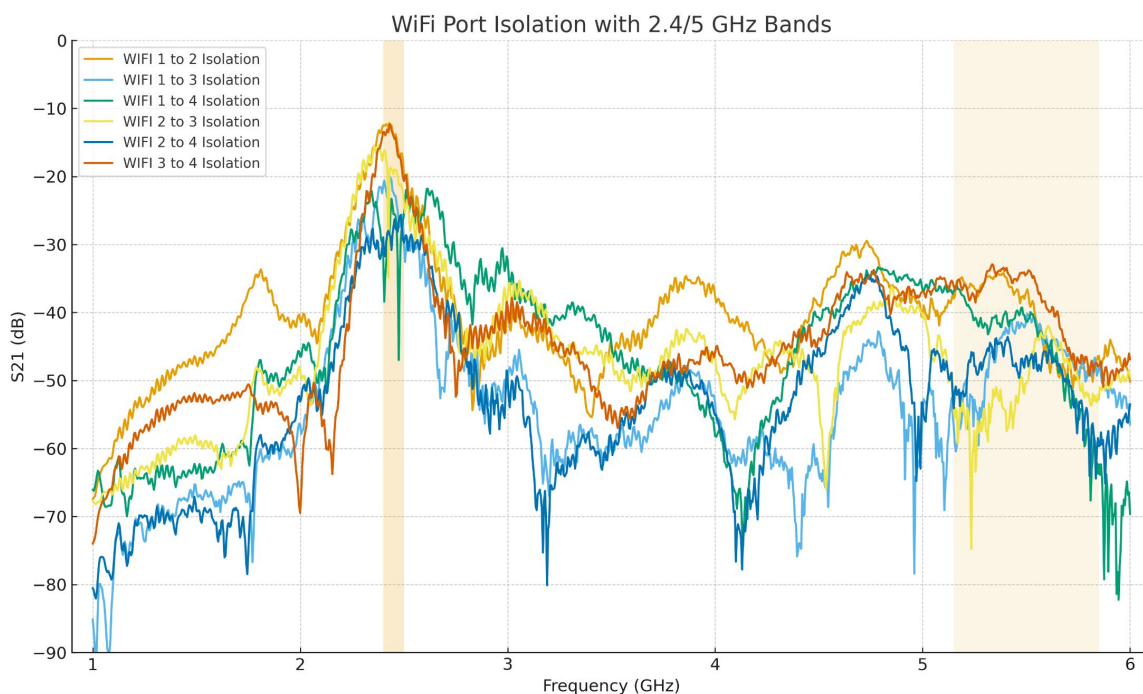
SK0200180 ‘Mallard’ 4-in-1 Antenna Black
incl. 5m Coax Cables

Supplied Coax Extension Cables

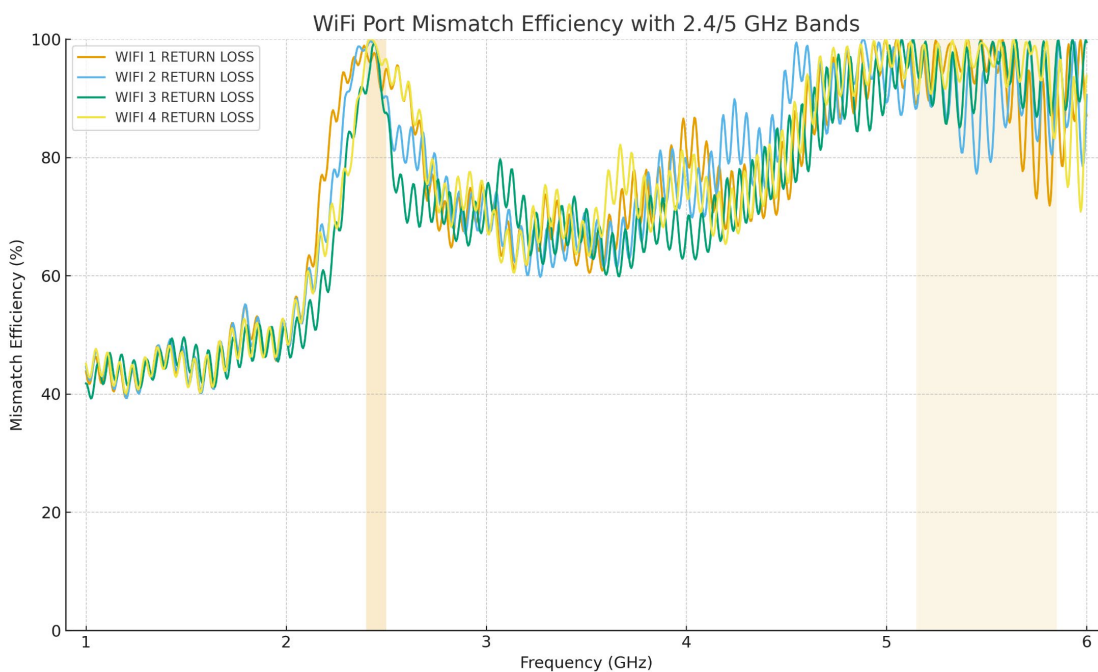
Coax Cables	4x Wi-Fi
Cable Type	SBC240
length	5m or 3m
Diameter (mm)	6.1
Min. Bend Radius (mm)	30
Operating Temp. °C	-40-80
Termination	SMA Reverse Polarity (m)
Labeling	Wi-Fi M & Wi-Fi A



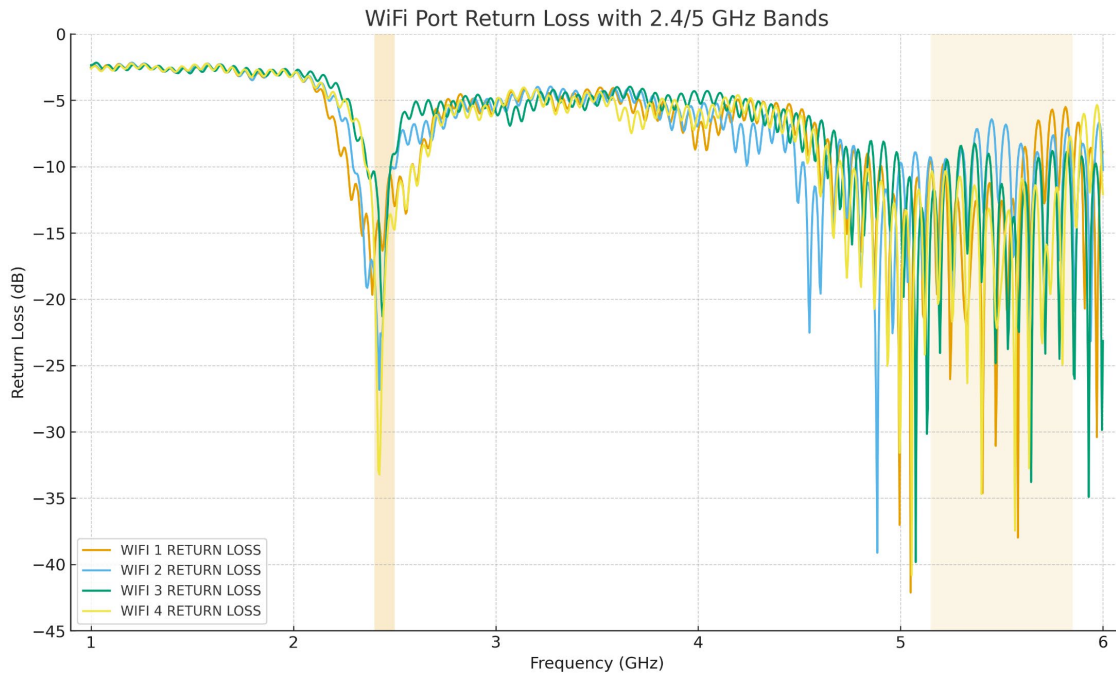
Wi-Fi Port Isolation



Wi-Fi Port Mismatch Efficiency



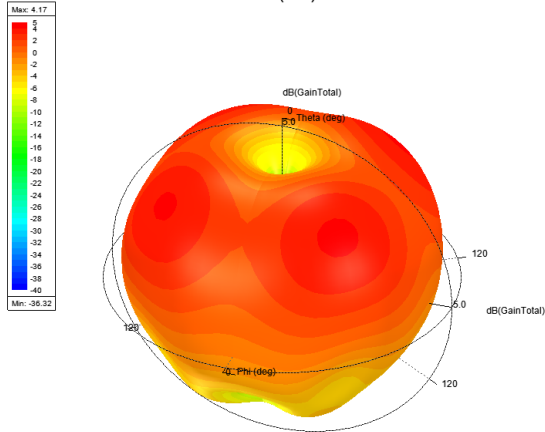
Wi-Fi Port Return Loss



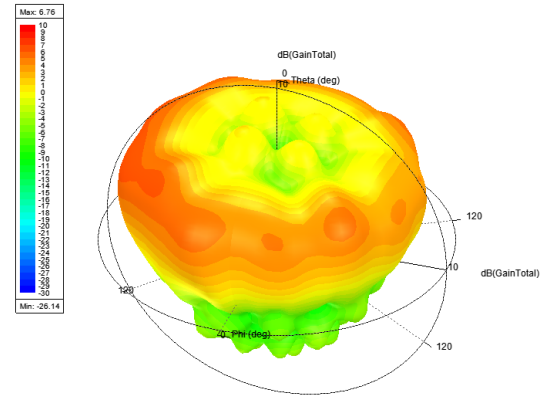
SK0200180 'Mallard' 4-in-1 Antenna Black incl. 5m Coax Cables

Antenna 3D Gain Plots

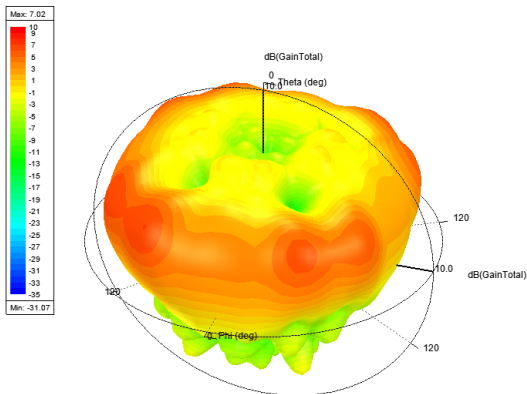
820MHz



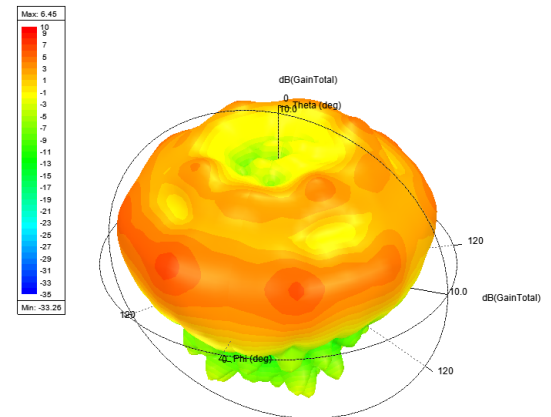
1820MHz



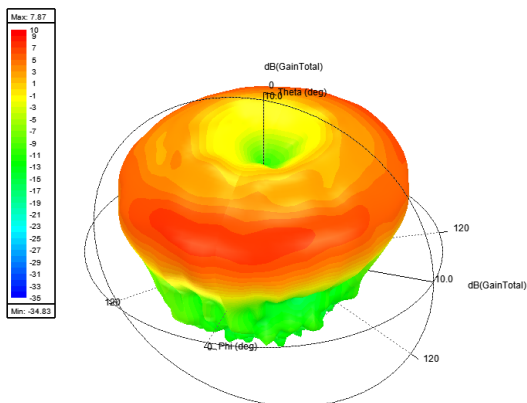
2140MHz



2600MHz



3600MHz



All graphs & diagrams subject to change without prior notice.

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