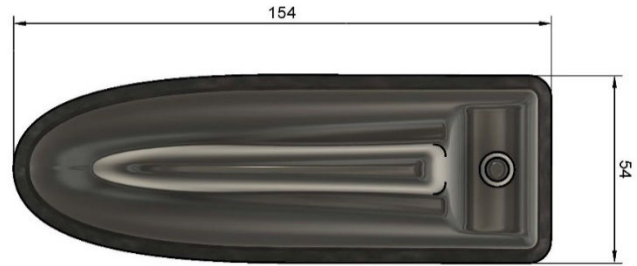


SK0200170 'Mallard' 2-in-1 Antenna
Black incl. 5m Coax Cables

5 YEARS WARRANTY



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 **2 Functions** including **2x WiFi**

Also Available in White: Part No. SK0200230



Part No.	Cable Kit Options
SK0200160	Product Kit : Black 2 in 1 Mallard Antenna & 5m Coax Ext Cable Kit : Terminated Cables

Additional options available upon request.

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

Technical Specifications

Electrical Data		Wi-Fi
Frequency Range (MHz)		2.4 GHz & 5.8GHz
Band		2x2 MiMo Dual Band Wi-Fi
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.

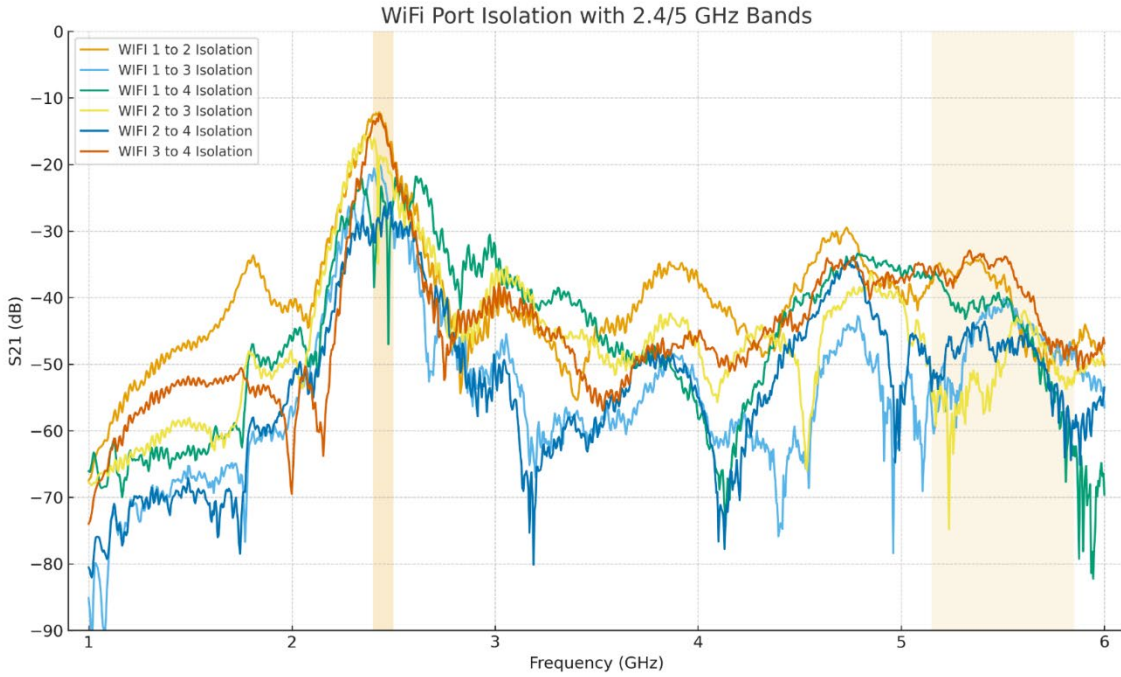
SK0200170 'Mallard' 2-in-1 Antenna Black incl. 5m Coax Cables

Supplied Coax Extension Cables

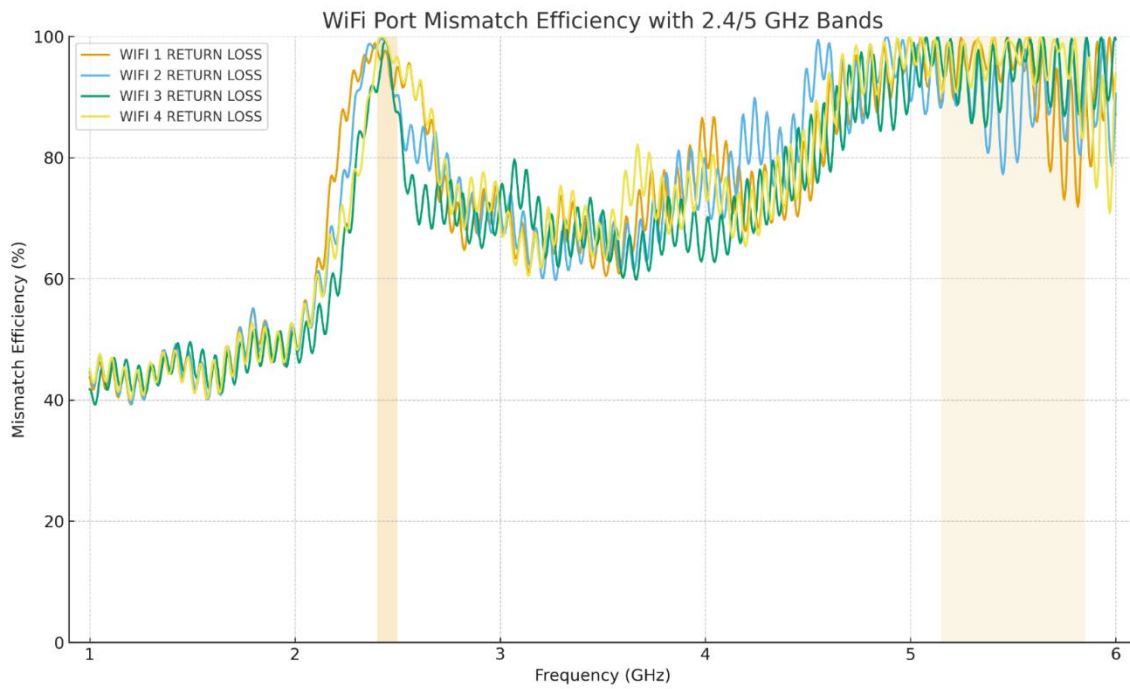
Coax Cables	2x Wi-Fi
Cable Type	SBC240
length	5m or 3m
Diameter (mm)	6.1
Min. Bend Radius (mm)	30
Operating Temp. °C	-40-80
Termination	SMA Reverse Polarity (m)
Labeling	WiFi M & WiFi A



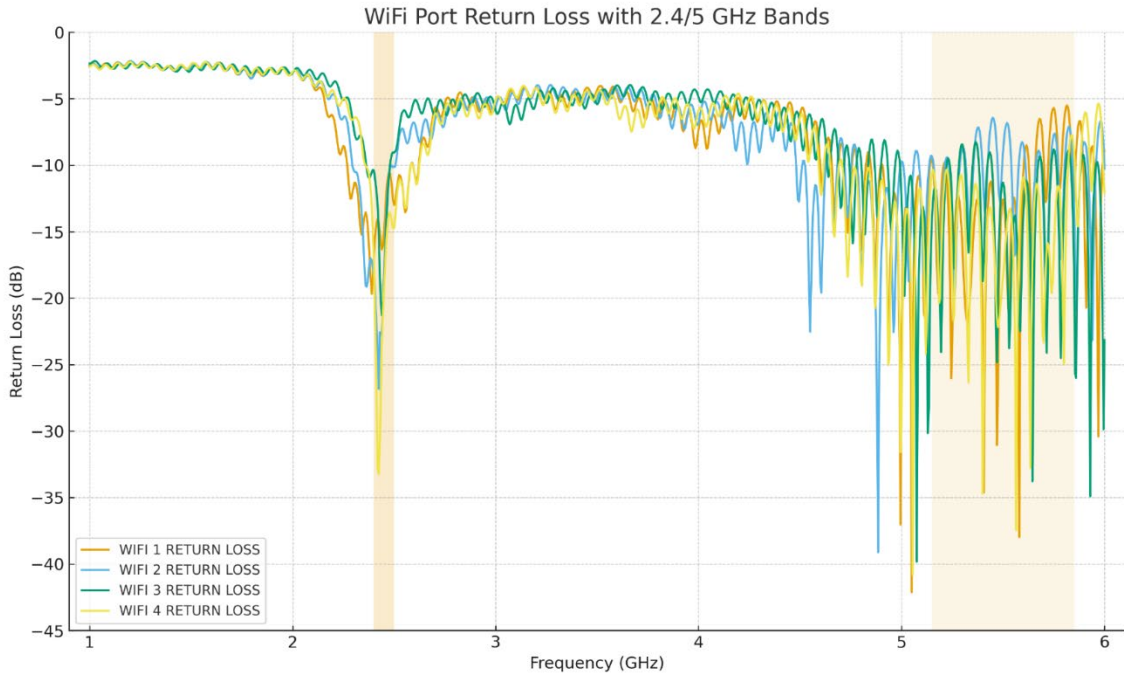
Wi-Fi Port Isolation



Wi-Fi Port Mismatch Efficiency

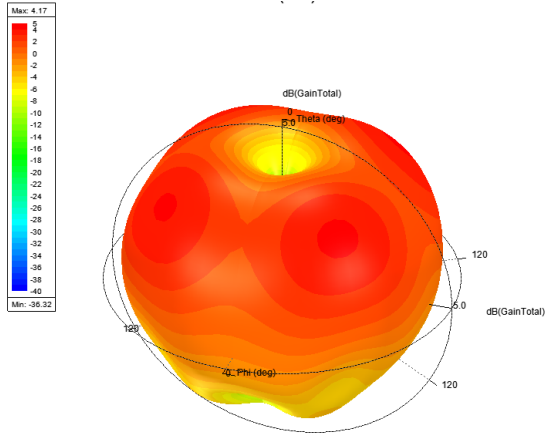


Wi-Fi Port Return Loss

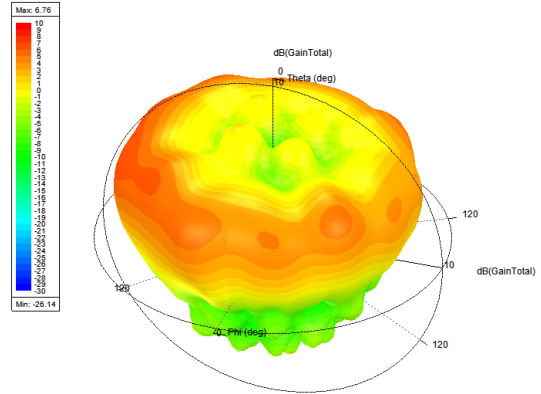


Antenna 3D Gain Plots

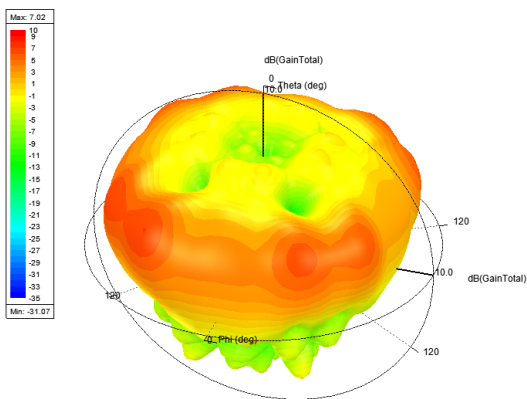
820MHz



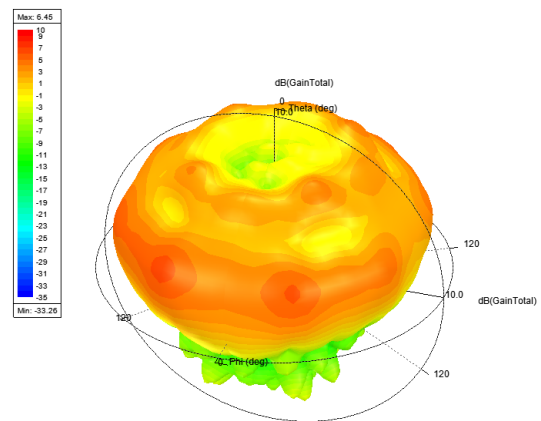
1820MHz



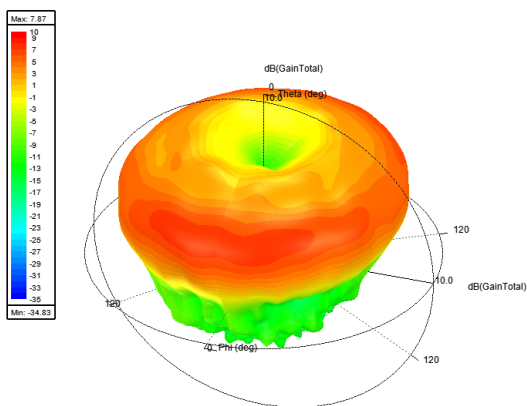
2140MHz



2600MHz



3600MHz



All graphs & diagrams subject to change without prior notice.

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