

**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.	Cable Kit Options
SK020401	Product Kit : Black 4 in 1 Mallard Antenna & 5m Coax Ext Cable Kit : CM Specialist : Terminated Cables

Additional options available upon request.

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

## Technical Specifications

Part No.	SK0200180
<b>Electrical Data</b>	
WI-FI	
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
<b>Mechanical Data</b>	
Dimensions (mm)	H80xW70xL230
Operating Temp (°C)	-40 / +80°C (-40° / 176°F)
Material	ABS/PC
Colour	Black
Weight (g)	310
Ingress Protection	IP66
<b>Cable Data</b>	
Cable Type	RG316
length	200mm
Diameter	2.8
Termination	SMA (m) Reverse Polarity
<b>Mounting Data</b>	
Mounting Type	Panel mount
Mounting Hole (mm)	15mm
Max Panel Thickness (mm)	10mm

Subject to change without prior notice.

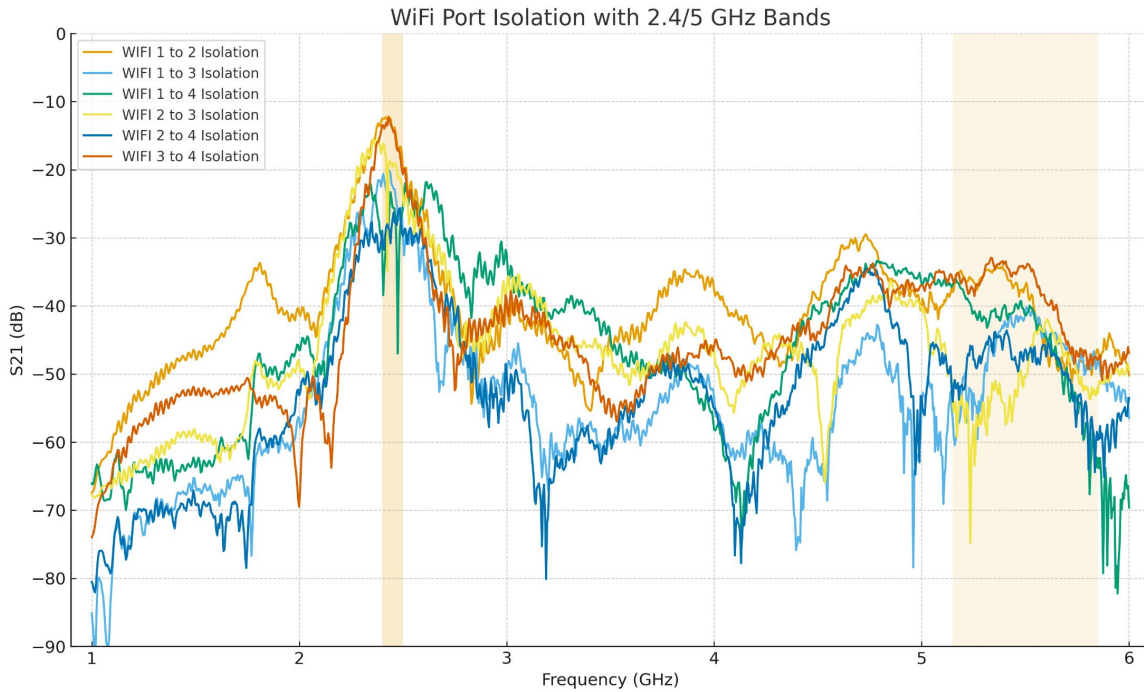
# SK0200180 'Mallard' 4-in-1 Antenna Black incl. 5m Coax Cables

## Supplied Coax Extension Cables

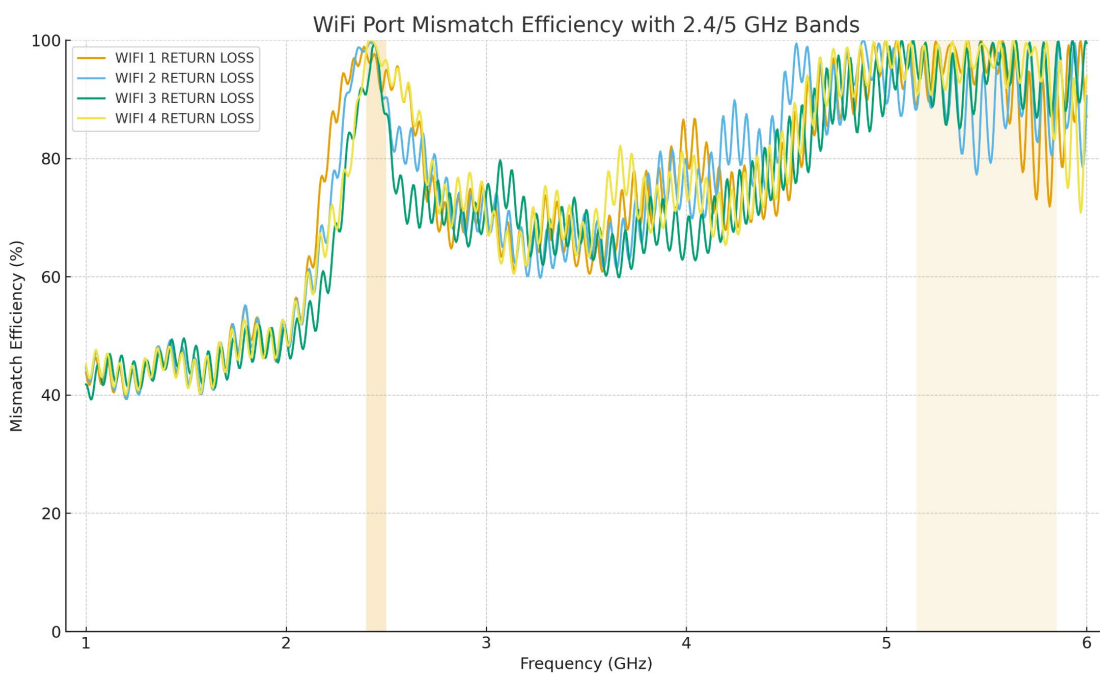
Coax Cables	4x Wi-Fi
Cable Type	SBC240
length	5m or 3m
Diameter (mm)	6.1
Min. Bend Radius (mm)	30
Operating Temp. °C	-40-80
Termination	SMA Reverse Polarity (m)
Labeling	Wi-Fi M & Wi-Fi A



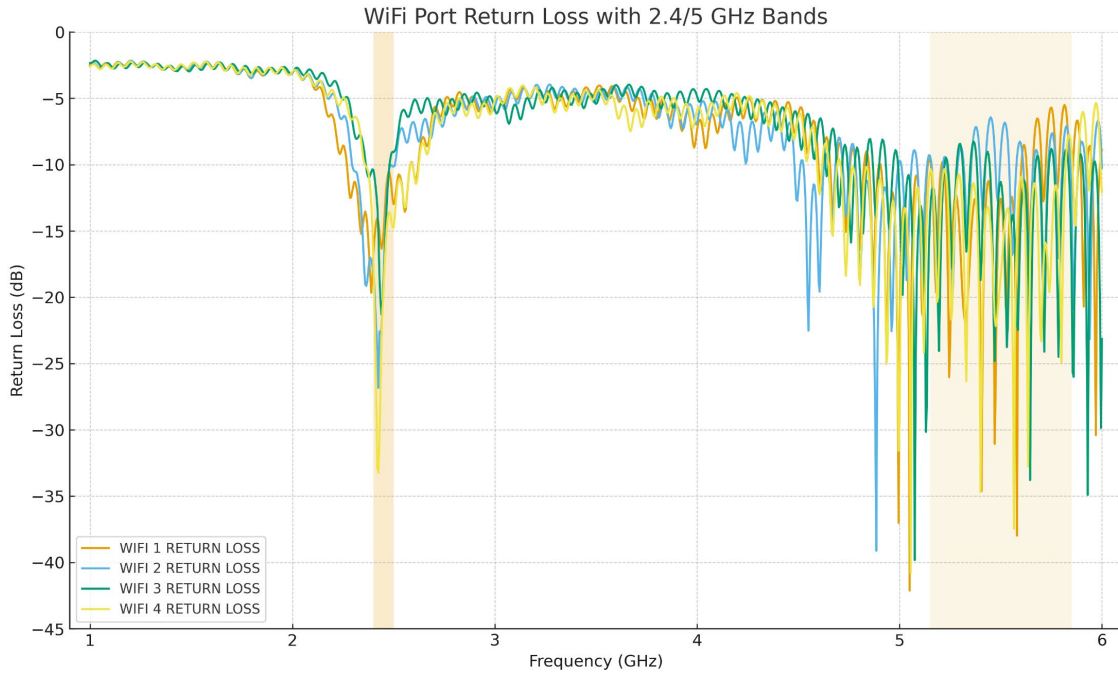
### Wi-Fi Port Isolation



### Wi-Fi Port Mismatch Efficiency

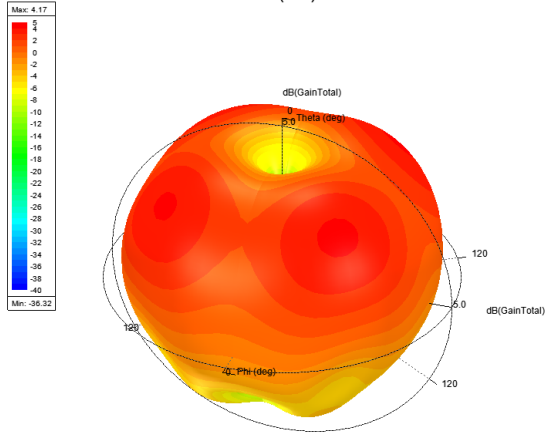


### Wi-Fi Port Return Loss

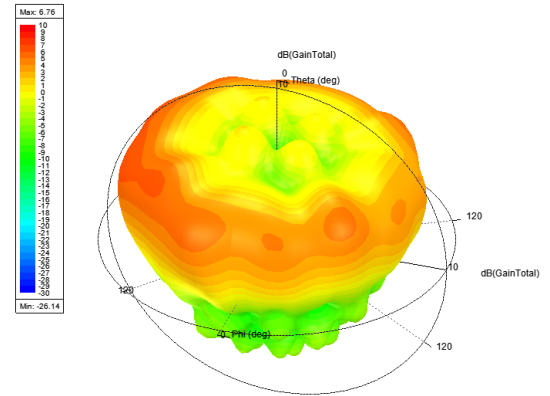


Antenna 3D Gain Plots

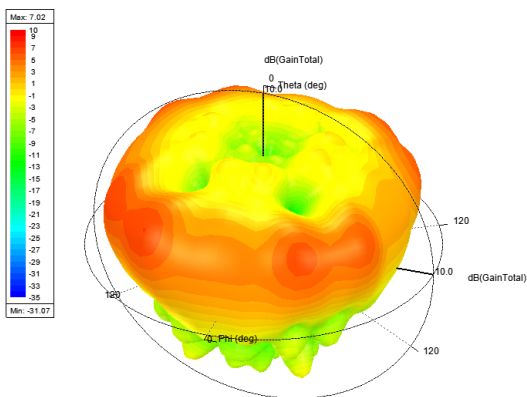
820MHz



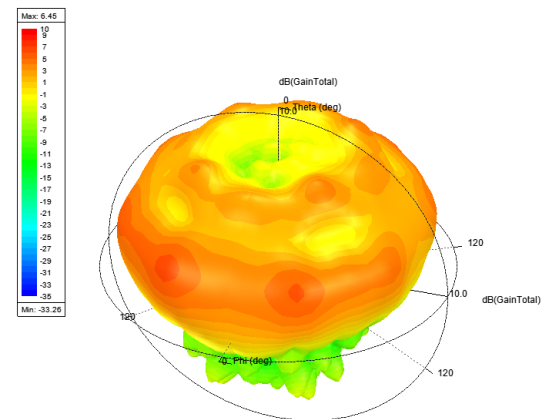
1820MHz



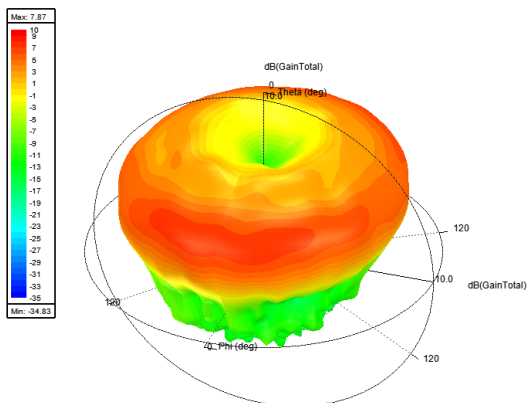
2140MHz



2600MHz



3600MHz



All graphs & diagrams subject to change without prior notice.

Sure Antennas. 6 Woodway Court, Thursby Rd, Bromborough, Merseyside CH62 3PR, United Kingdom  
Schiphol Airport Tetra, Transpolis Park, Siriusdreef 17-27, 2132 WT Hooftdorp, Netherlands

T. +44 (0)151 363 7377 | E. [sales@sure-antennas.com](mailto:sales@sure-antennas.com)



[www.sure-antennas.com](http://www.sure-antennas.com)

