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**Part Number:** **1461860100**  
**Status:** **Active**  
**Overview:** Standard Antennas  
**Description:** GPS and WiFi 2.4GHz / 5GHz Combo Flex Antenna, 18.00mm Width, Cable Length 100.00mm

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-146186-100 \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Application Specification AS-146186-100 \(PDF\)](#)

**General**

Product Family	Antennas
Series	146186
Component Type	Stand Alone Antenna with Cable
Mates With	73412-0110 Microcoaxial RF, 50 Ohm
Overview	Standard Antennas
Product Literature Order No	987651-3851
Product Name	2.4/5GHz GPS-Wi-Fi* Antenna
Type	GPS-Wifi Antenna
UPC	889056433518

**Physical**

Cable Length	100.00mm
Depth	0.10mm
Length	53.00mm
Mounting Style	Adhesive
Net Weight	0.653/g
Packaging Type	PET Film
Polarization	Linear
Radiation Pattern	Omnidirectional
Width	18.00mm

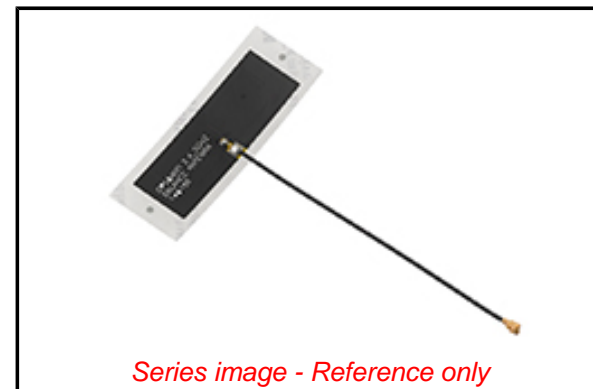
**Electrical**

Band#1 F_End (MHz)	1602
Band#1 F_Start (MHz)	1575.42
Band#2 F_End (MHz)	2483.5
Band#2 F_Start (MHz)	2400
Band#3 F_End (MHz)	5850
Band#3 F_Start (MHz)	5150
Band#4 F_End (MHz)	6000
Band#4 F_Start (MHz)	3000
Electrical Connectivity	Cable
Impedance	50#
Number of Bands	4
Peak Gain (dBi)	3.0 @ 1575M, 3.0 @ 2.4G, 4.0 @ 5G, 4.7 @ 3G
Return Loss - S11 (dB)	< -10
Total Efficiency	>70% @ 1575M, >70% @ 5G, >75% @ 2.4G, >80% @ 3G

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-146186-100
Product Specification	PS-146186-100
Sales Drawing	SD-146186-050



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

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environmental compliance?**

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non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

146186 Series

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