



902-928 & 2400-2483.5 Dual Band Cabled ANTENNA

**Part Numbers: 2118898-1, 2118898-2
2118898-3**

FEATURES & BENEFITS

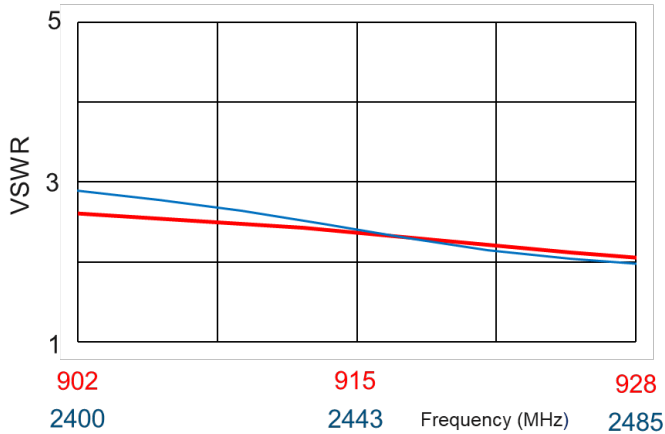
- FPC antenna assembly
- Adhesive backing on the FPC simplifies mounting within the device
- Omnidirectional coverage
- Efficient design reduces power usage
- No matching components required
- Wide selection of micro-coaxial cable lengths

SPECIFICATIONS

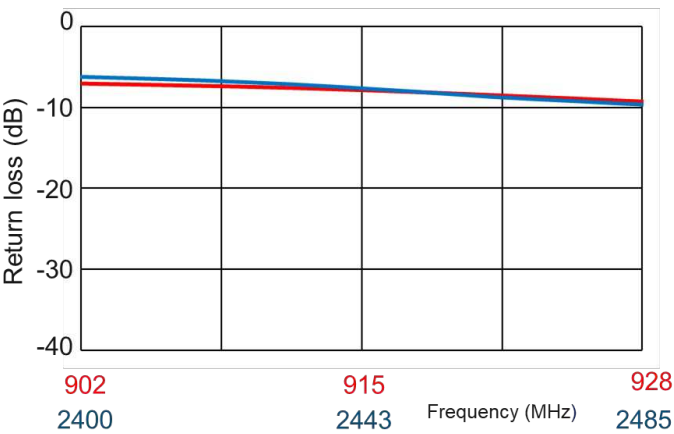
Frequency Range (MHz)	902-928	2400-2483.5
VSWR	< 2.6:1	< 2.9:1
Average Efficiency	85%	65%
Peak Gain	3.6dBi	4.0dBi
Average Gain	-0.7dBi	-1.8dBi
Power Handling	10 Watt cw	
Feed Point Impedance	50 ohms unbalanced	
Polarization	Linear	
Size	140.0 mm x 20.0 mm	
Weight	< 5.0 g	
Mounting	Adhesive Tape	
Mating Connector	MMCX / MHF and MHF4-type, Refer to page 5	
Cable	Coaxial Cable : 1.78mm Dia.	
Operating Temperature	-40 to +85°C	
Storage Temperature	-40 to +85°C	
Hazardous Materials	A certificate of conformance is available from the product page on TE website.	

RF DATA

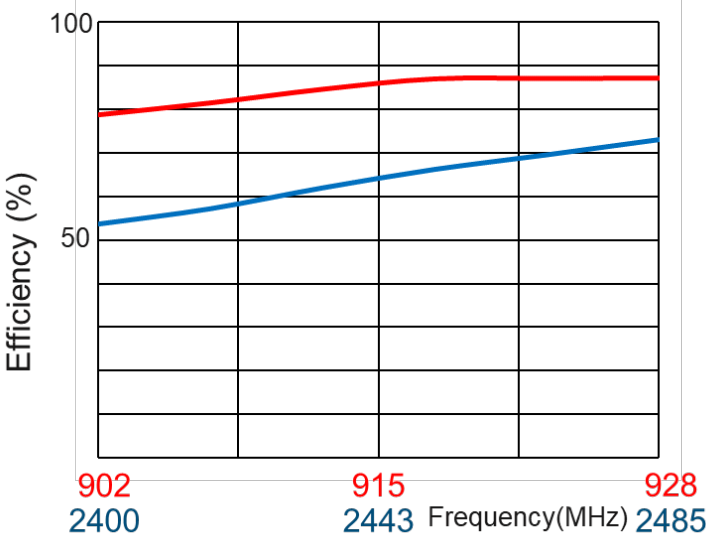
VSWR



Return Loss

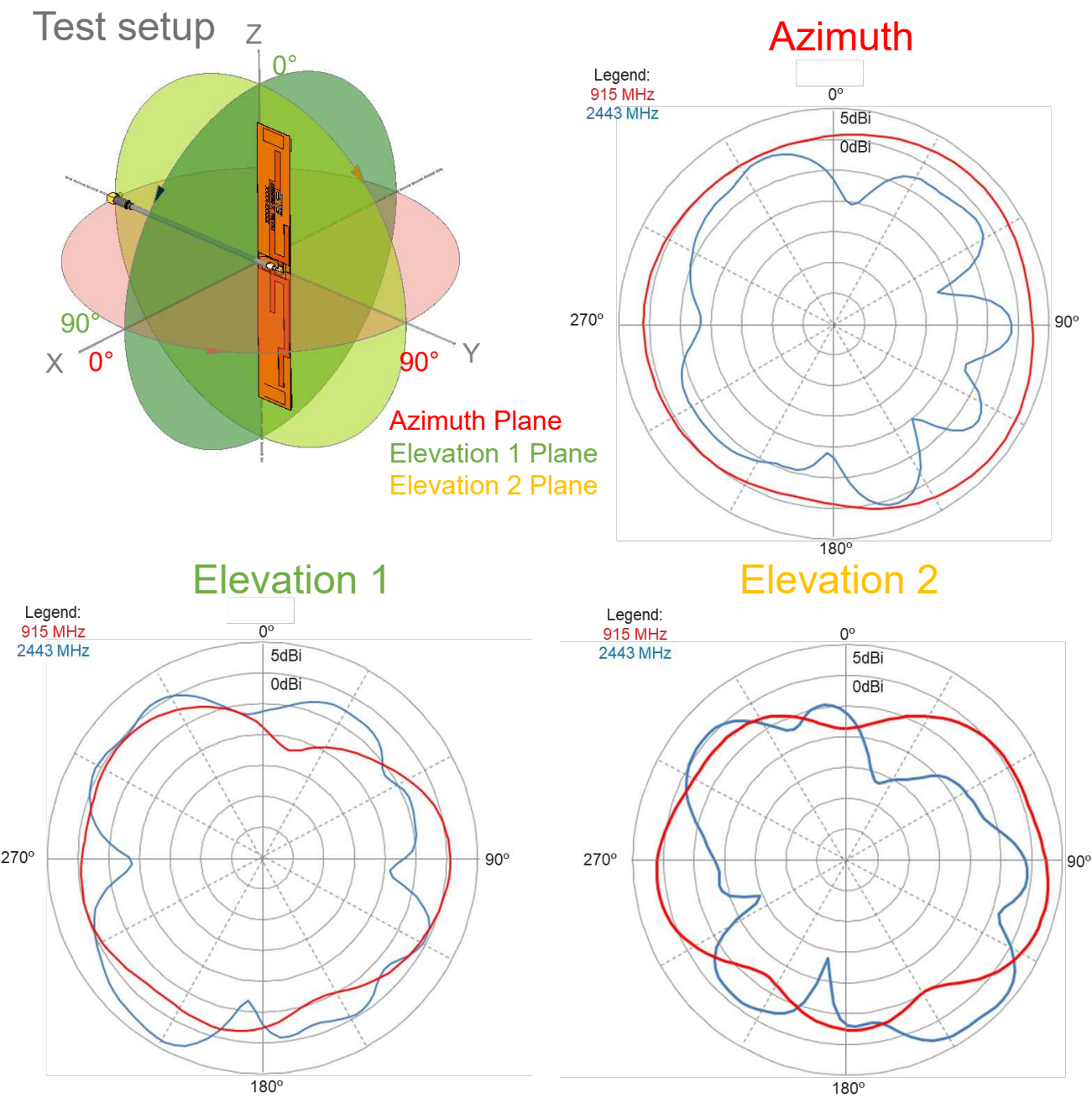


Efficiency



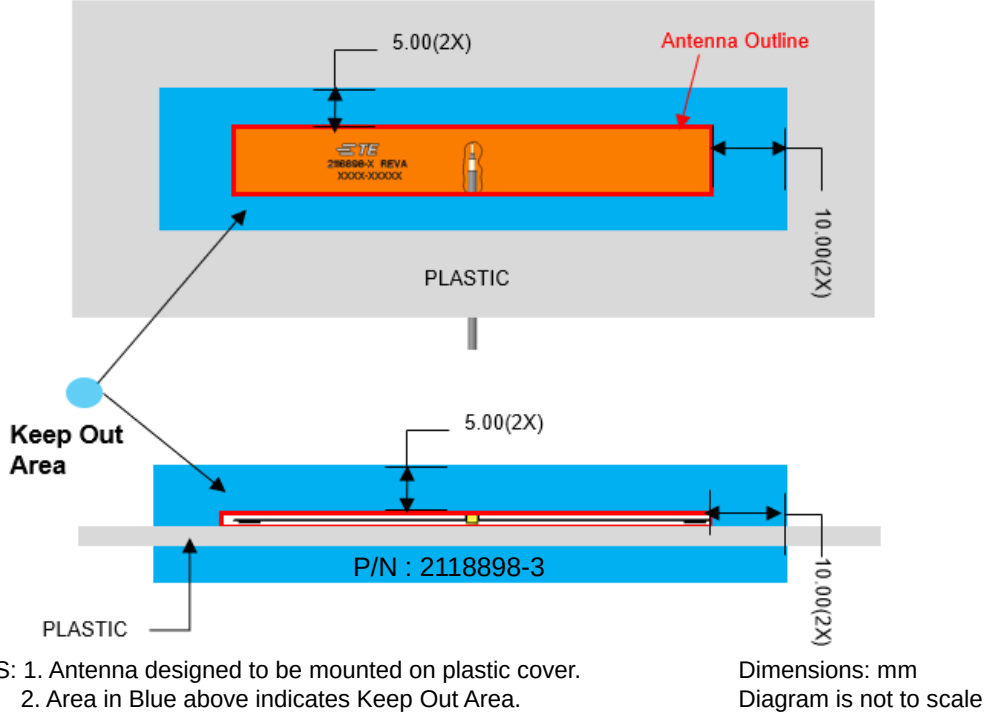
Data measured in free space and on plastic device enclosure

RADIATION PATTERN

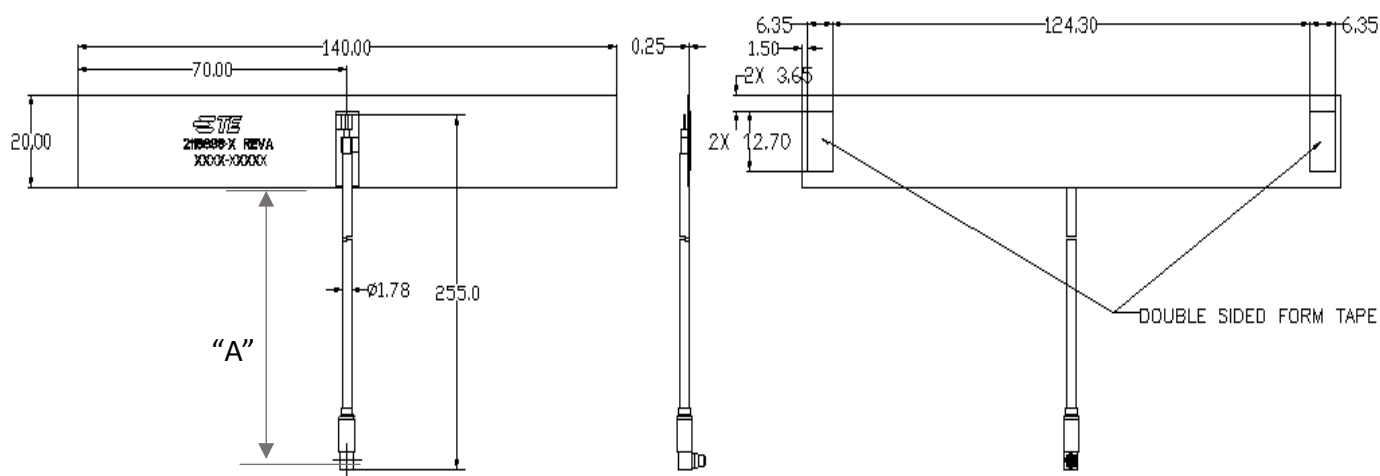


Data measured in free space and on plastic device enclosure

KEEP OUT AREA

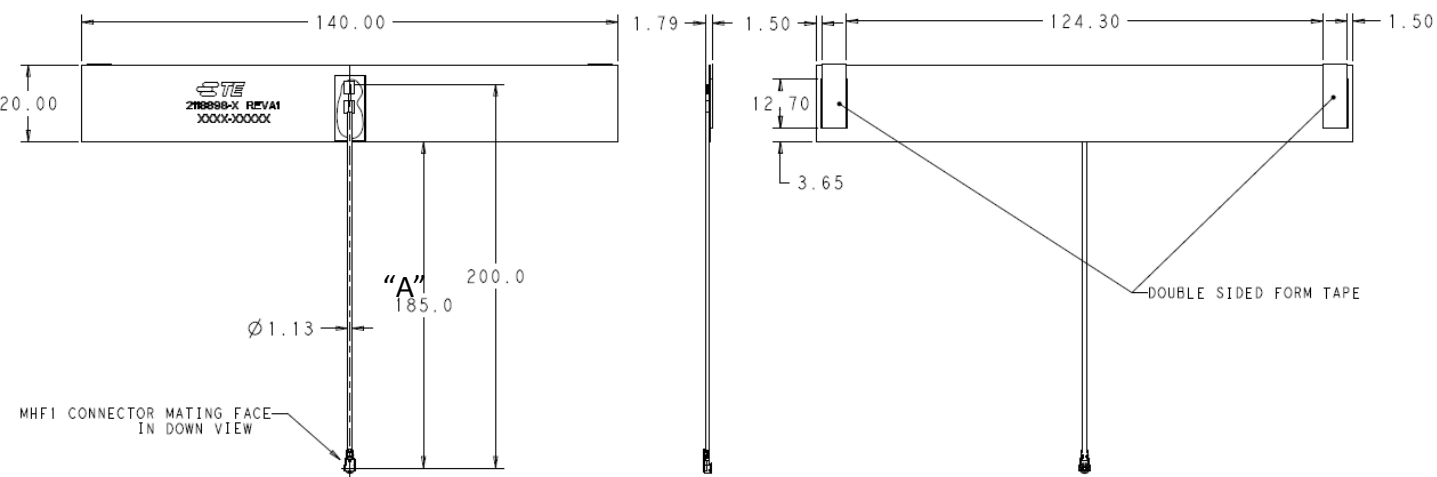


DIMENSIONS (2118898-1 / 2118898-2)



Standard Antenna Solutions

DIMENSIONS (2118898-3)



P/N : 2118898-3

Dimensions: mm
Diagram is not to scale

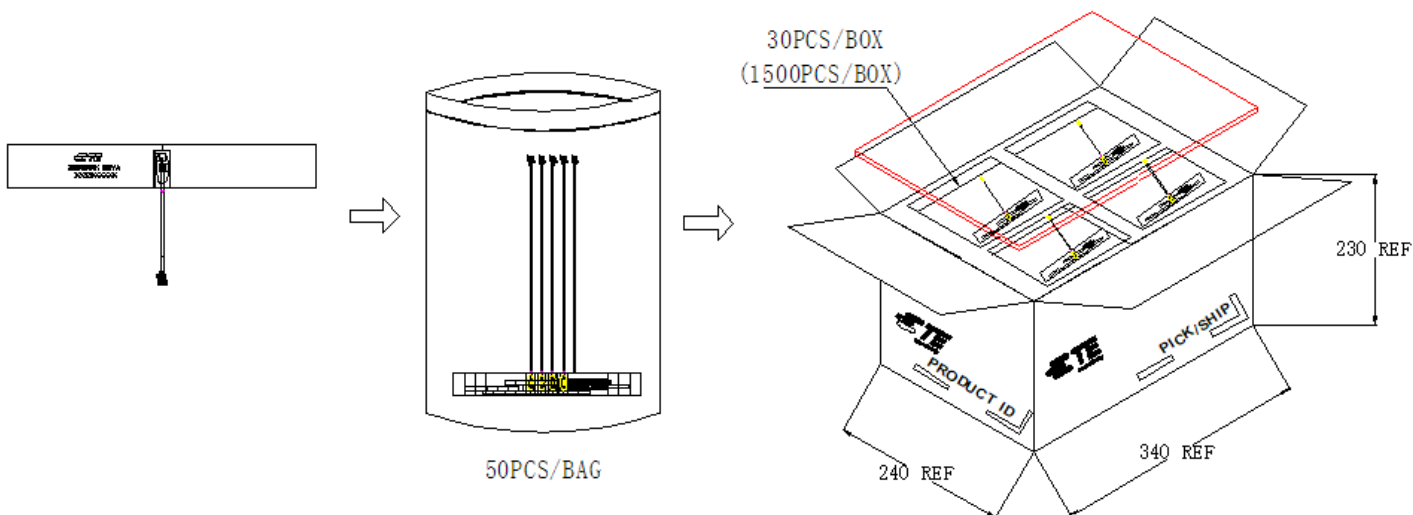
MATING COMPONENTS

2118898-3	185.0	7.874	1-PEX MMF1 Type Plug	RECEPTACLE (TE PN: 2337019-1)	
2118898-2	240.0	9.448	MMCX-TYPE PLUG	RECEPTACLE (TE PN: 1-1634010-0)	
2118898-1	170.0	6.69		RECEPTACLE (TE PN: 1-1634009-0)	
PART	MM (A)	INCH	CONNECTOR TYPE	PART NUMBER	IMAGE
NUMBER	CABLE LENGTH	(ON CABLE)	MATING COMPONENTS		

DUAL BAND WLAN / BLUETOOTH ANTENNA

Standard Antenna Solutions

PACKAGING



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