



2400-2500 & 5150-5875 MHz DUAL BAND WLAN / BLUETOOTH ANTENNA

Part Numbers: 2344654-1, 2344654-2
2344654-3, 2344654-4
2344654-5, 2344654-6
2344654-7, 2344654-8

FEATURES & BENEFITS

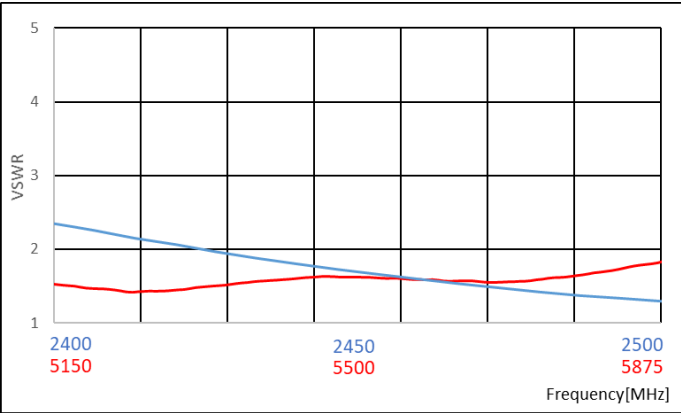
- Adhesive backing on PCB simplifies mounting within the device
- Omnidirectional coverage
- Efficient design reduces power usage
- No matching components required
- Ground-plane independent design
- Wide selection of micro-coaxial cable lengths from 50 to 200mm

SPECIFICATIONS

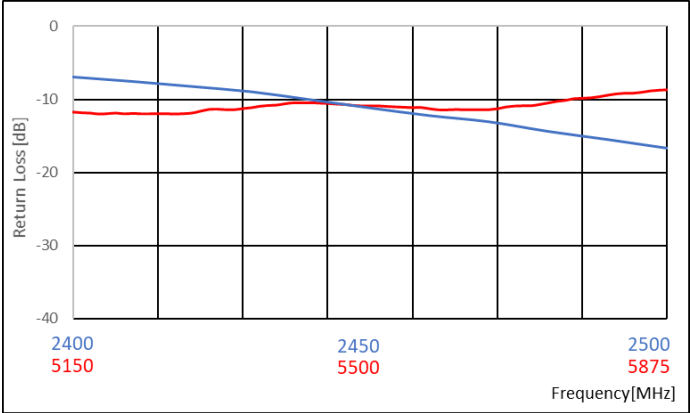
Frequency Range (MHz)	2400-2500	5150-5850
VSWR	< 3.0:1	< 3.0:1
Average Efficiency	60%	70%
Peak Gain	1.5dBi	5.7dBi
Average Gain	-1.5dB	-1.7dB
Power Handling	10 Watt cw	
Feed Point Impedance	50 ohms unbalanced	
Polarization	Linear	
Size	30 mm x 9.5 mm x 1.0 mm	
Weight	< 0.8 g	
Mounting	Adhesive Tape	
Mating Connector	MHF-type receptacle (TE PN 2337019-1), MHF4-type receptacle (TE PN: 2334884-1)	
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

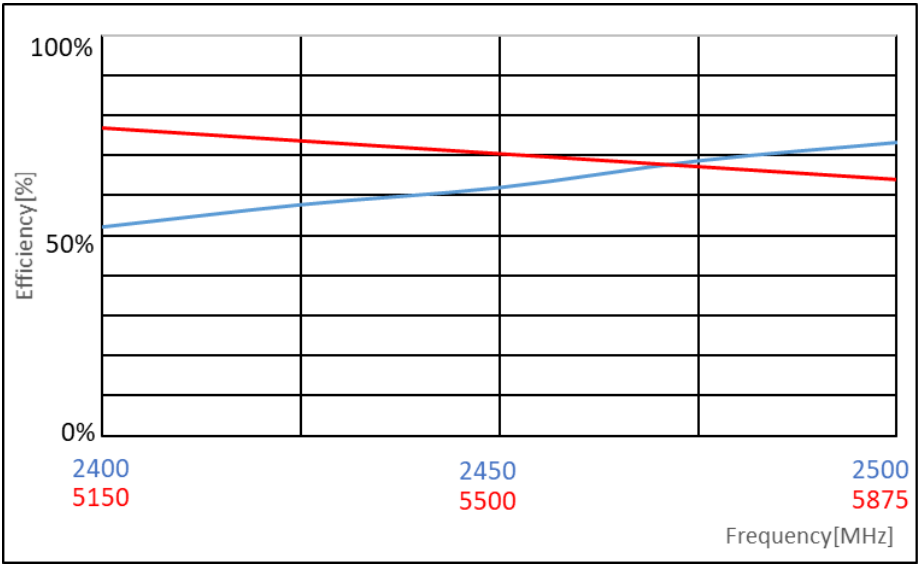
VSWR



Return Loss

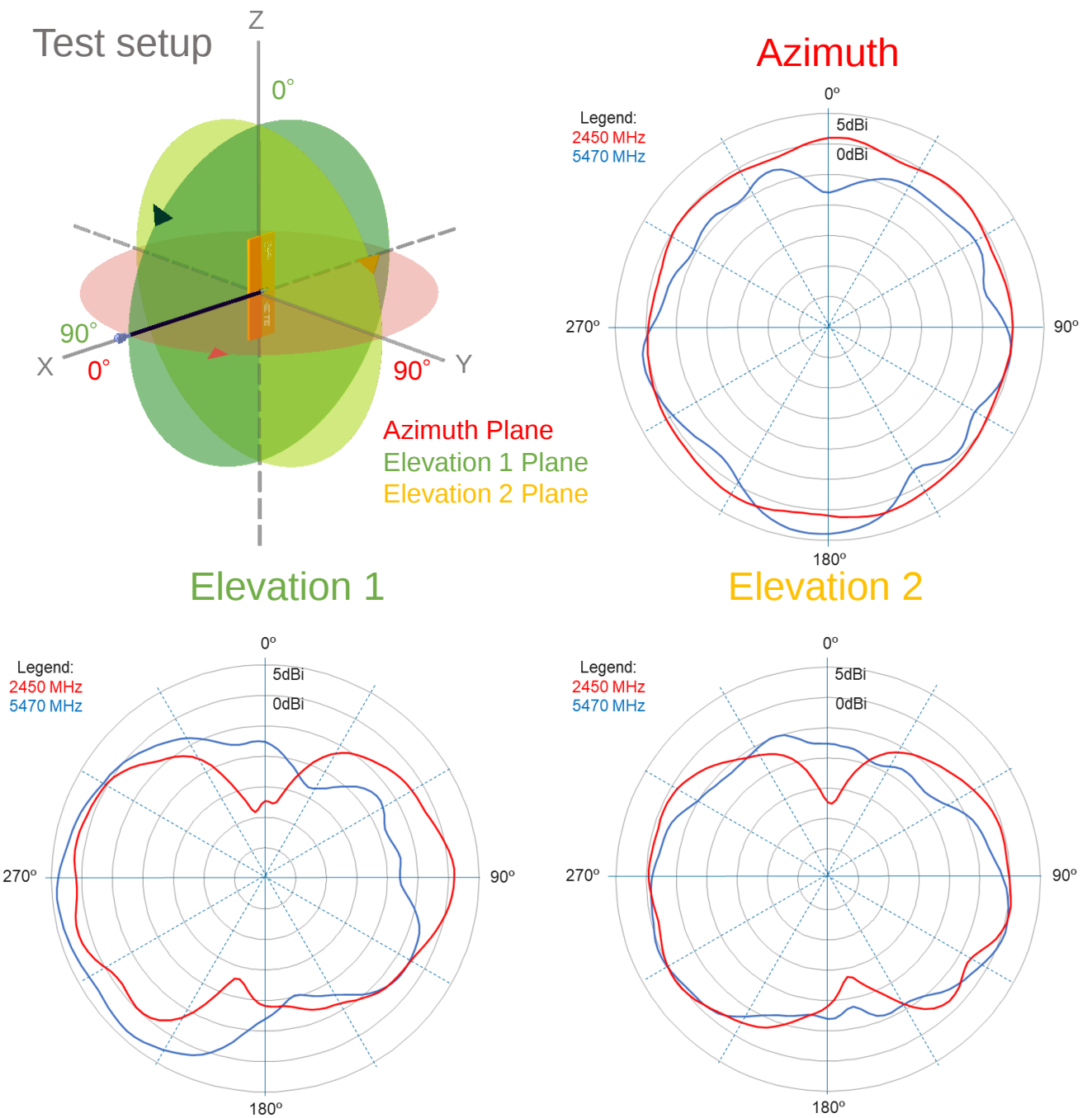


Efficiency



Data measured in free space and on plastic board.

RADIATION PATTERN

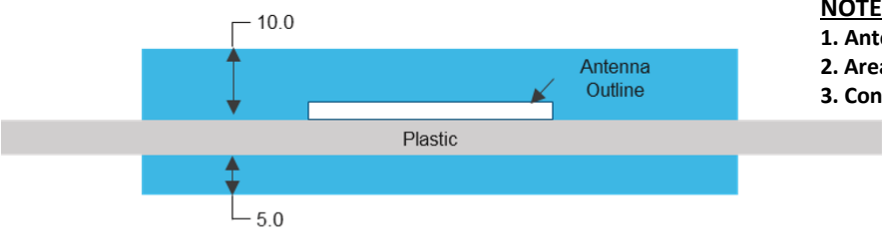


Data measured in free space and on plastic board.

DUAL BAND WLAN / BLUETOOTH ANTENNA

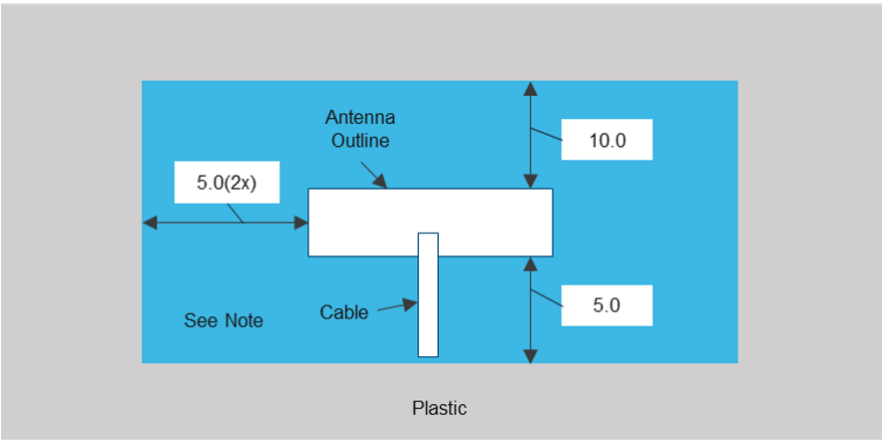
Standard Antenna Solutions

KEEP OUT AREA



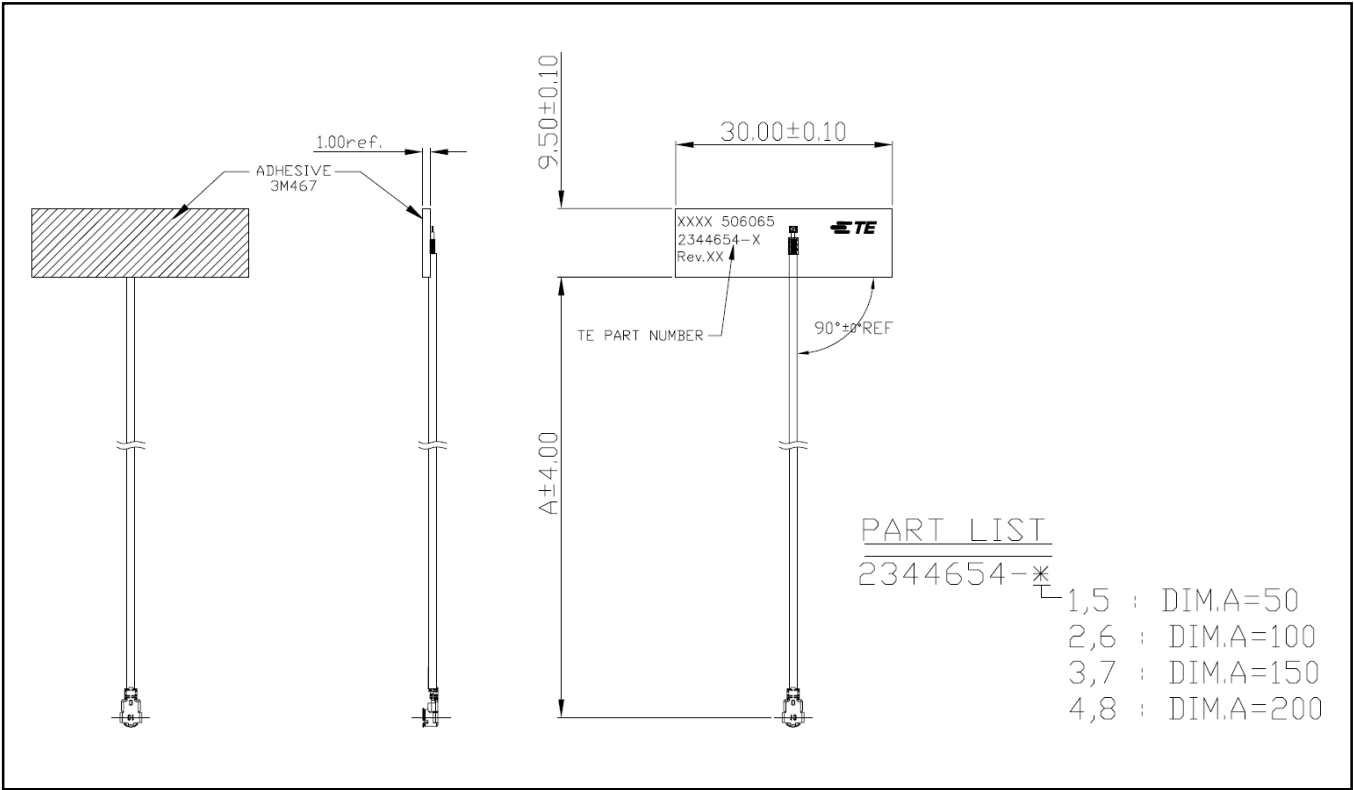
NOTES

- 1. Antenna designed to be mounted on plastic cover.
- 2. Area in blue indicates Keep Out Area
- 3. Contact TE if keep out zone cannot be guaranteed.



Dimension: mm
Diagrams is not into scale

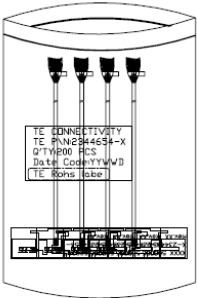
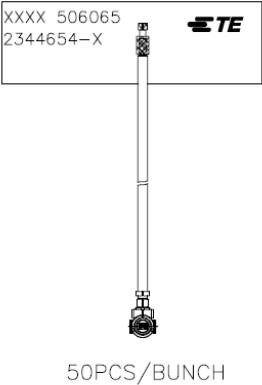
DIMENSIONS



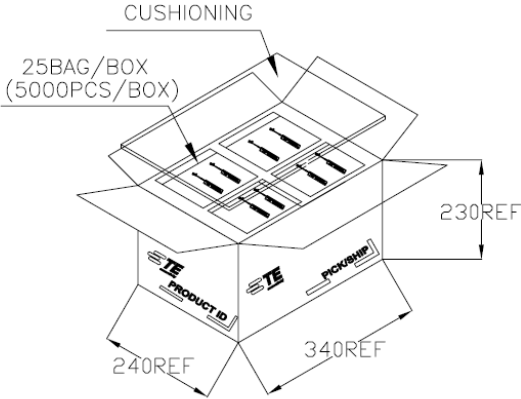
MATING COMPONENTS

2344654-1	50	1.97	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2344654-2	100	3.94	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2344654-3	150	5.91	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2344654-4	200	7.87	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2344654-5	50	1.97	MHF4-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
2344654-6	100	3.94	MHF4-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
2344654-7	150	5.91	MHF4-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
2344654-8	200	7.87	MHF4-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
PART NUMBER	MM	INCH	CONNECTOR TYPE	PART NUMBER	IMAGE
	CABLE LENGTH ("A")		(ON CABLE)	MATING COMPONENTS	

PACKAGING



200PCS/BAG
DESICCANT: 1PCS/BAG



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