



Wi-Fi 6/6E TRIPLE BAND EMBEDDED ANTENNA

Part Numbers: 2344655-1, 2344655-2
2344655-3, 2344655-4
2344655-5, 2344655-6
2344655-7, 2344655-8

FEATURES & BENEFITS

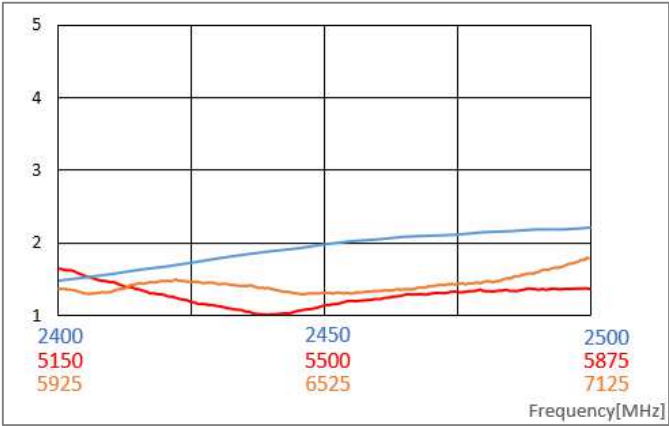
- Wi-Fi 6, also including Wi-Fi 6E new 6GHz band, Bluetooth, ZigBee
- Adhesive backing on PCB simplifies mounting within the device
- Omnidirectional coverage
- No matching components required
- Ground-plane independent design
- Different cable length and connector options available

SPECIFICATIONS

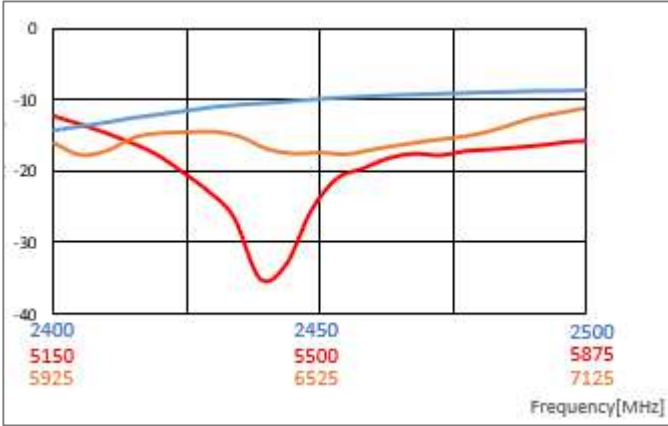
Frequency Range (MHz)	2400-2500	5150-5850	5925-7125
VSWR	< 2.7:1	< 1.8:1	< 1.8:1
Average Efficiency	62%	78%	75%
Peak Gain	1.4dBi	3.7dBi	5.9dBi
Average Gain	-2.5dB	-1.3dB	-0.9dB
Power Handling	10 Watt cw		
Feed Point Impedance	50 ohms unbalanced		
Polarization	Linear		
Size	33 mm x 8.0 mm x 1.0 mm		
Weight	< 1.2 g		
Mounting	Adhesive Tape		
Mating Connectors	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

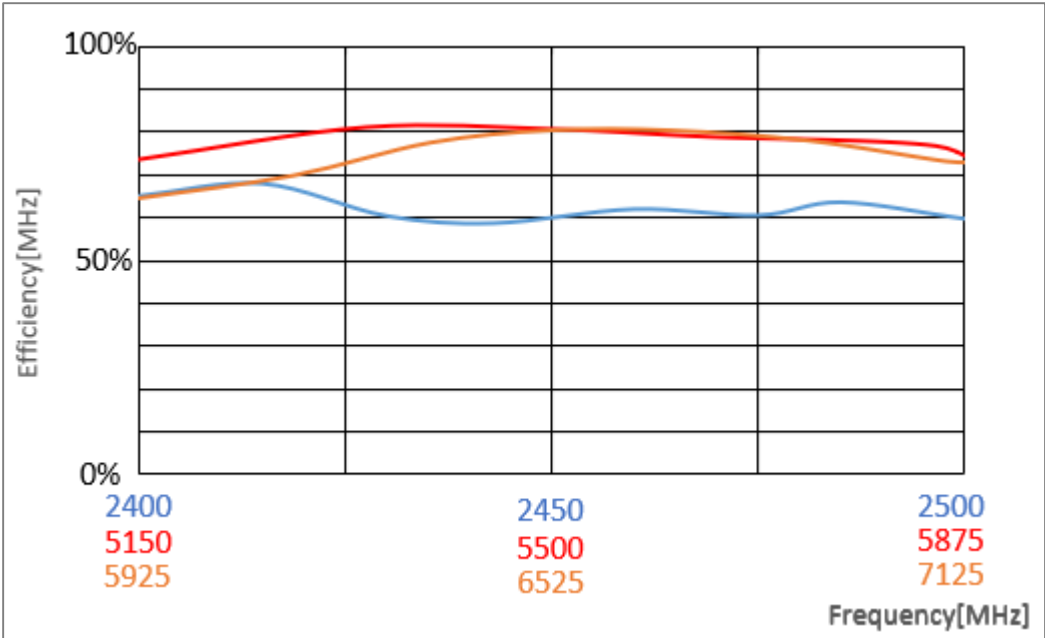
VSWR



Return Loss

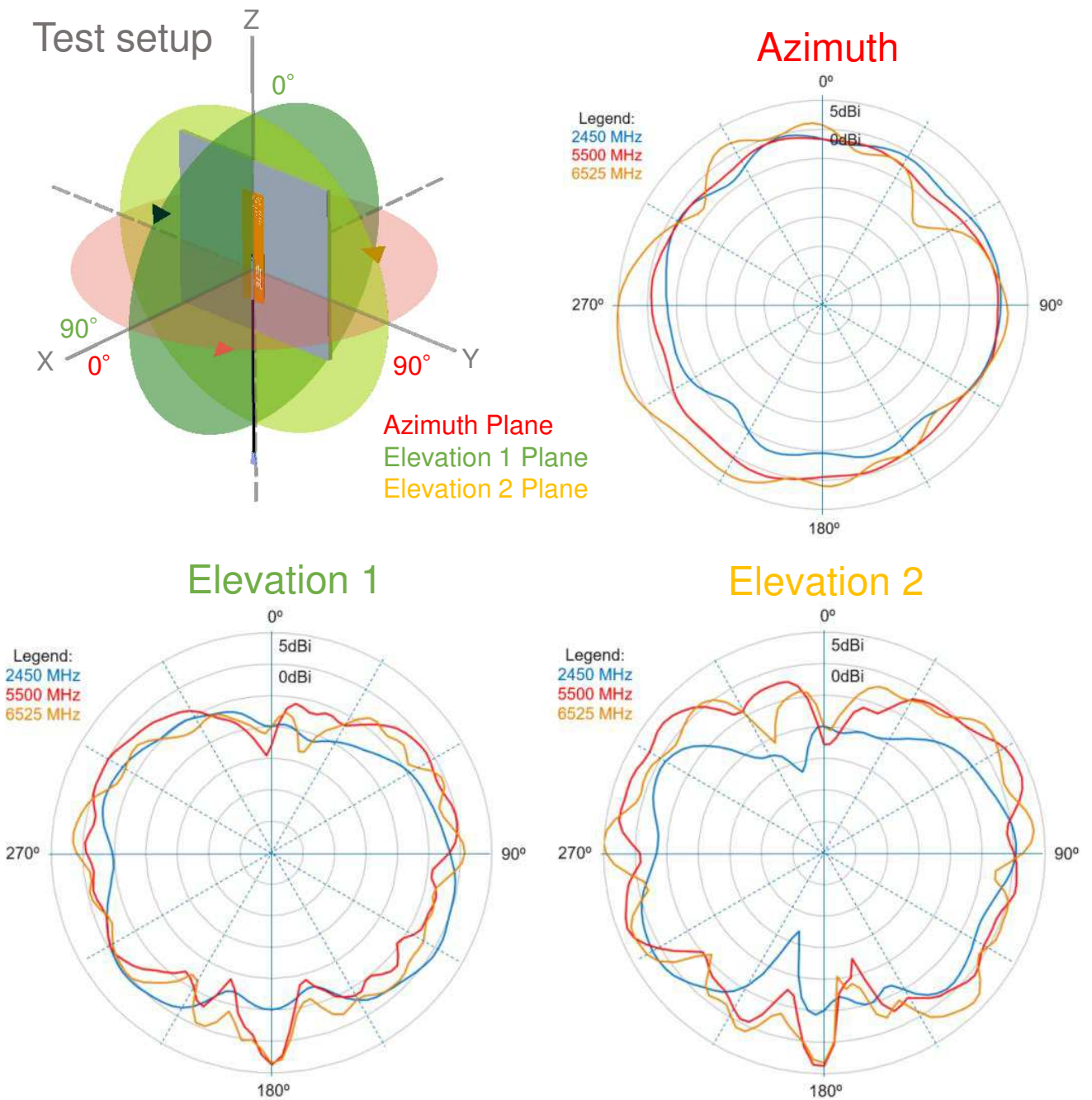


Efficiency



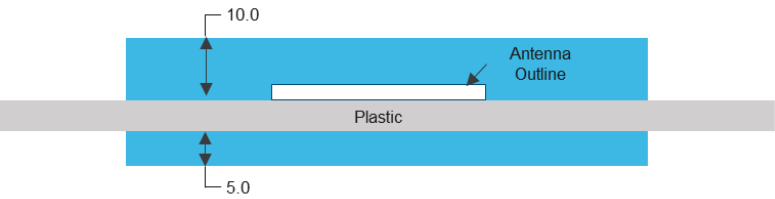
Data measured in free space and on plastic device enclosure

RADIATION PATTERN



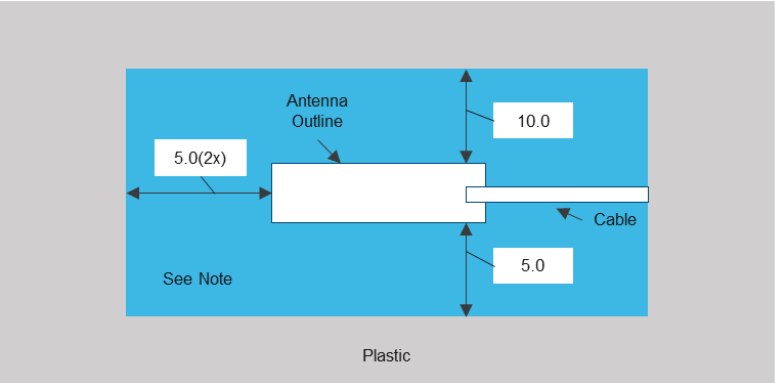
Data measured in free space and on plastic device enclosure

KEEP OUT AREA



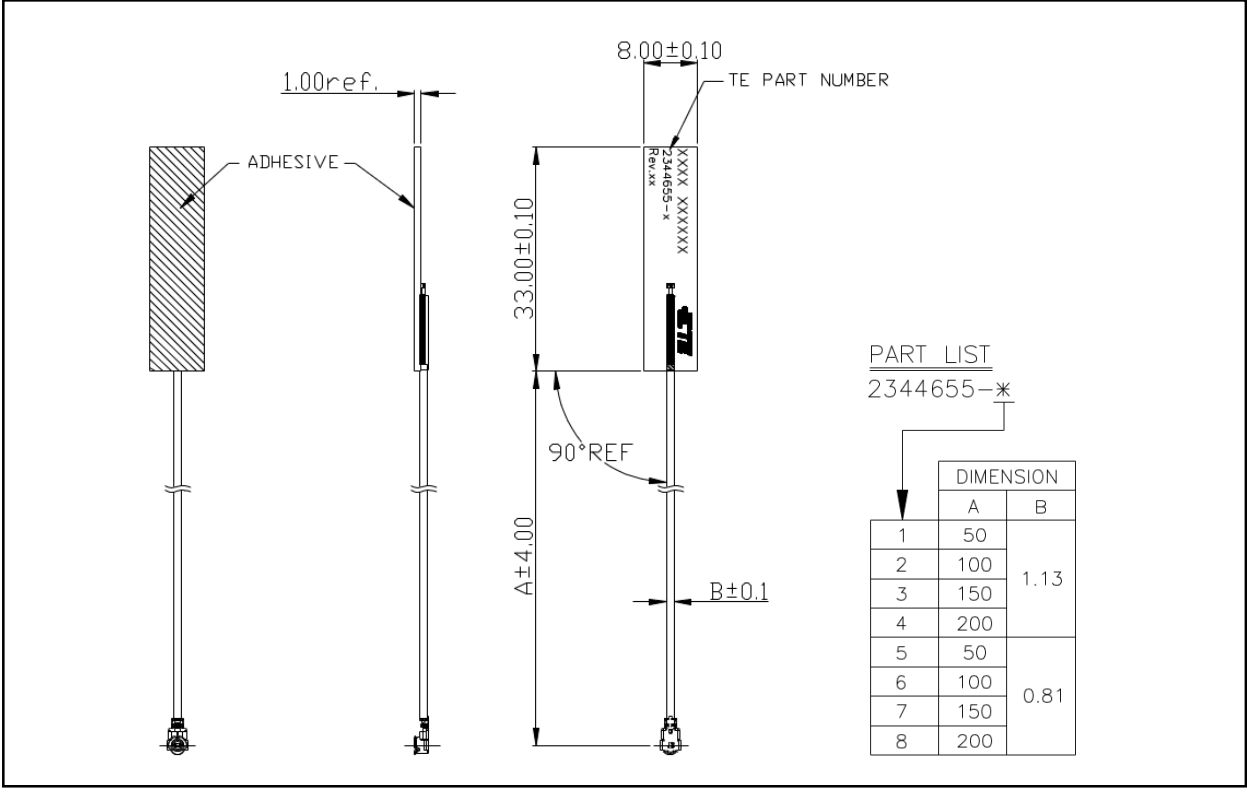
NOTES

- 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



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Standard Antenna Solutions

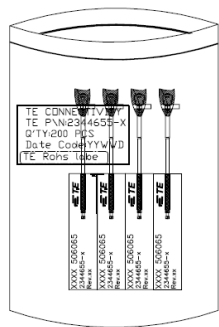
MATING COMPONENTS

2344655-1	50	1.97	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2344655-2	100	3.94	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2344655-3	150	5.91	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2344655-4	200	7.87	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2344655-5	50	1.97	MHF4-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
2344655-6	100	3.94	MHF4-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
2344655-7	150	5.91	MHF4-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
2344655-8	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	

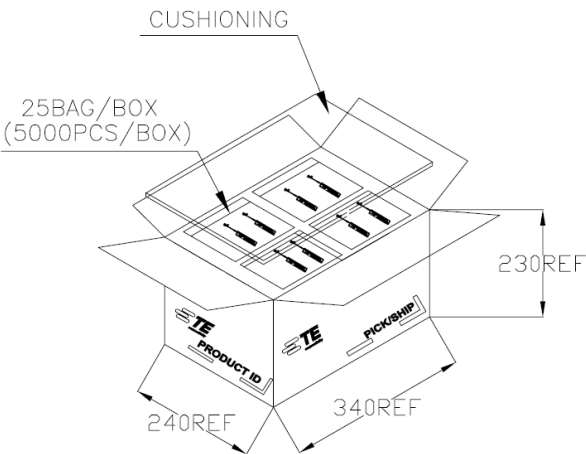
PACKAGING



50PCS/BUNCH



200PCS/BAG
DESICCANT: 1PCS/BAG



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