

824-960 & 2400-2500 Dual Band Cabled ANTENNA

Part Numbers: 2108793-1, 2108793-2

FEATURES & BENEFITS

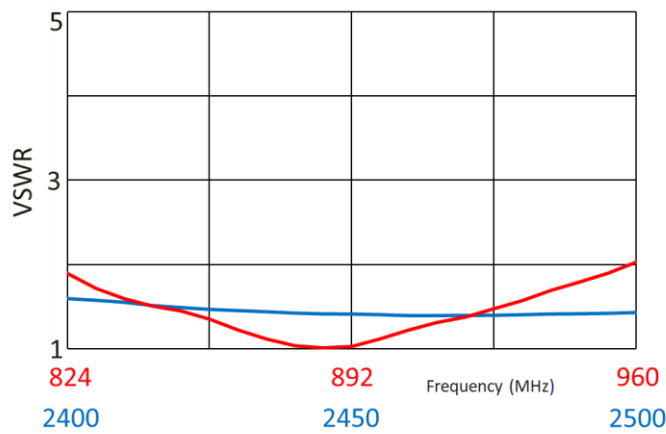
- Adhesive backing on the FPC simplifies mounting within the device
- Omnidirectional coverage
- Efficient design reduces power usage
- No matching components required
- Ground-plane independent design
- Different cable length and connector options available

SPECIFICATIONS

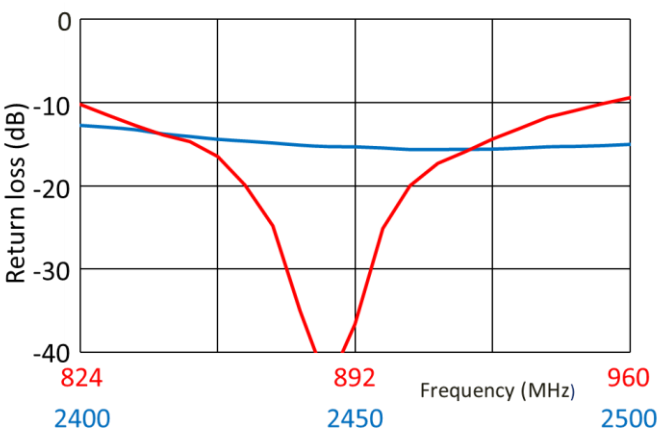
Frequency Range (MHz)	824 - 960	2400 - 2500
VSWR	< 2.1:1	< 1.7:1
Average Efficiency	75 %	65 %
Peak Gain	2.1 dBi	2.0 dBi
Average Gain	-1.3 dBi	-1.9 dBi
Power Handling	10 Watt cw	
Feed Point Impedance	50 ohms unbalanced	
Polarization	Linear	
Size	140.0 mm x 20.0 mm	
Weight	< 3.5 g	
Mounting	Adhesive Tape	
Mating Connector	MMCX connect mount (TE P/N 1-1634010-0 and 1-1634009-0)	
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

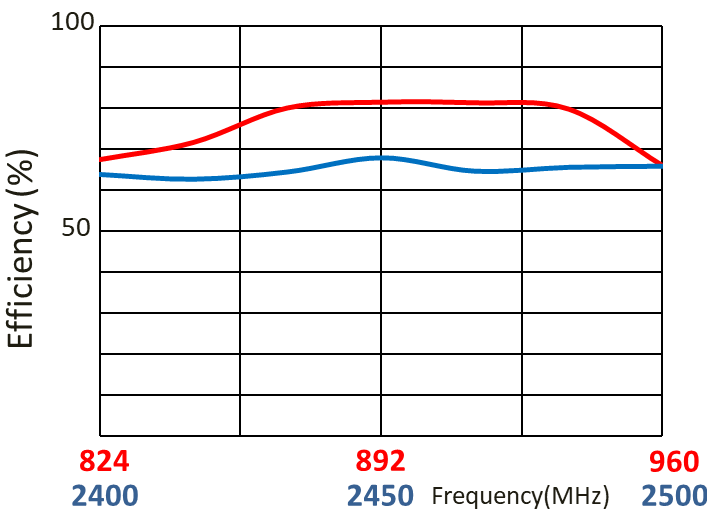
VSWR



Return Loss

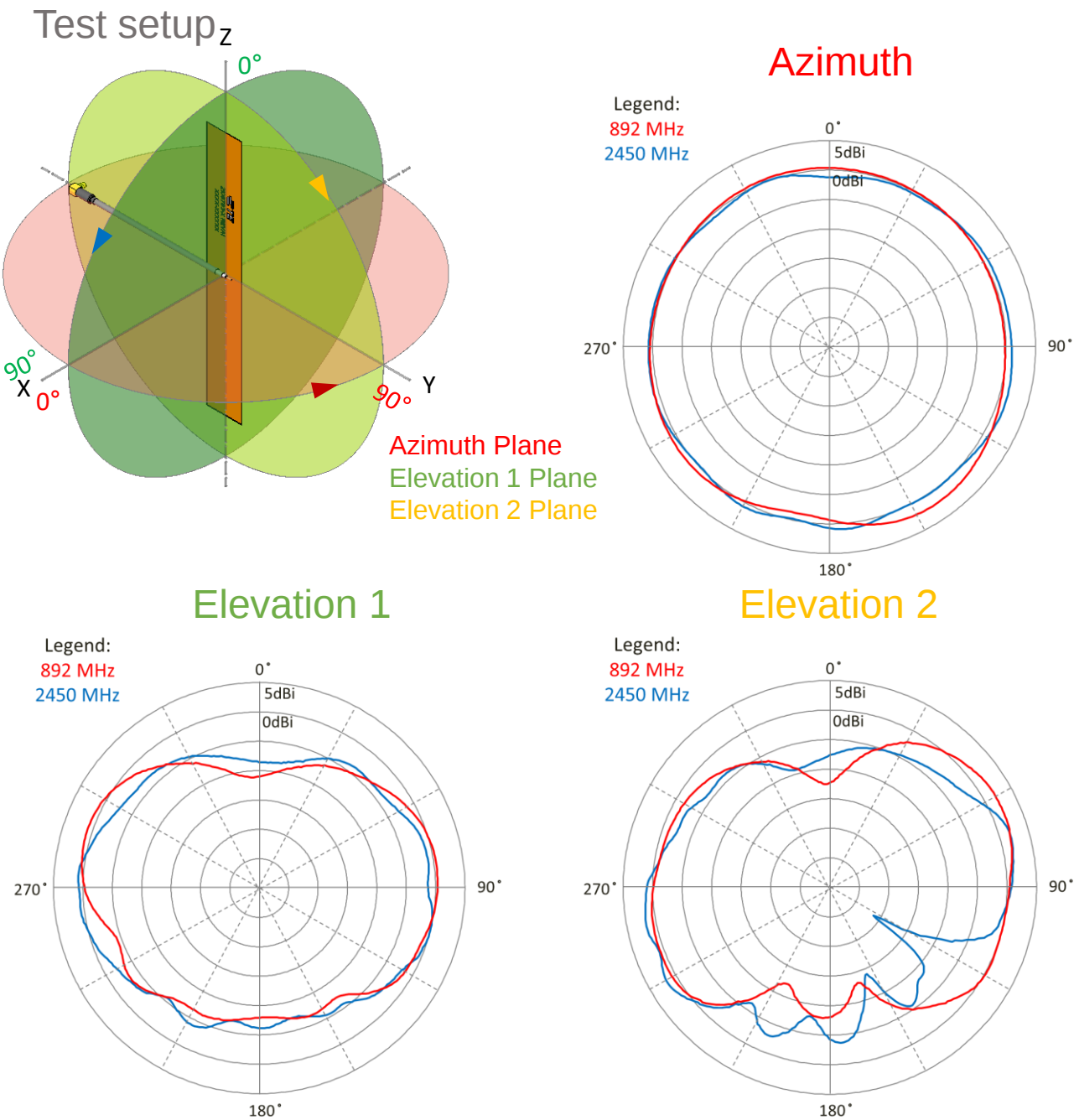


Efficiency



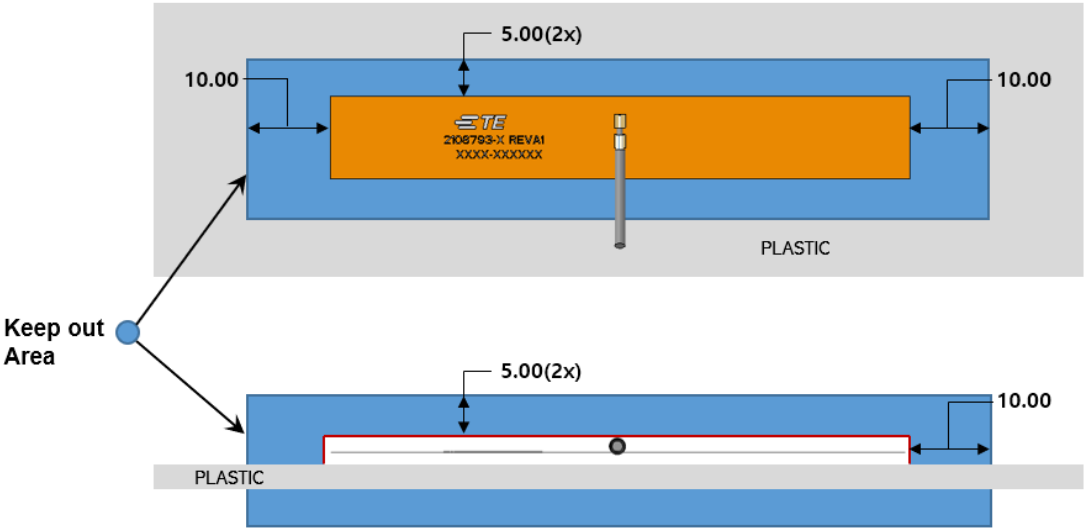
Data measured in free space and on plastic device enclosure

RADIATION PATTERN



Data measured in free space and on plastic device enclosure

KEEP OUT AREA



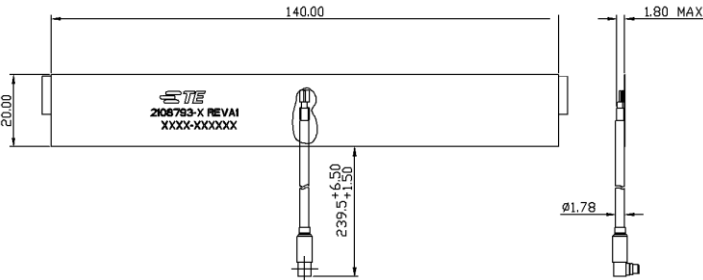
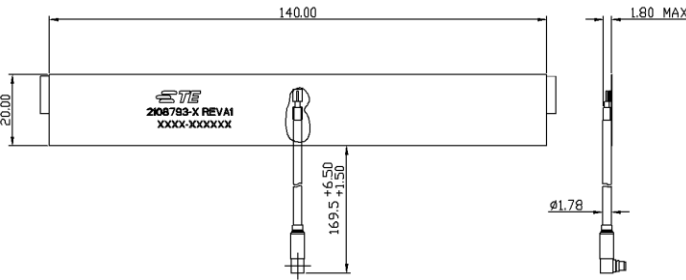
- NOTES: 1. Antenna designed to be mounted on plastic cover.
2. Area in Blue above indicates Keep Out Area.
3. For more information please call TE.

Dimensions: mm
Diagram is not to scale

DIMENSIONS

P/N : 2108793-1

P/N : 2108793-2

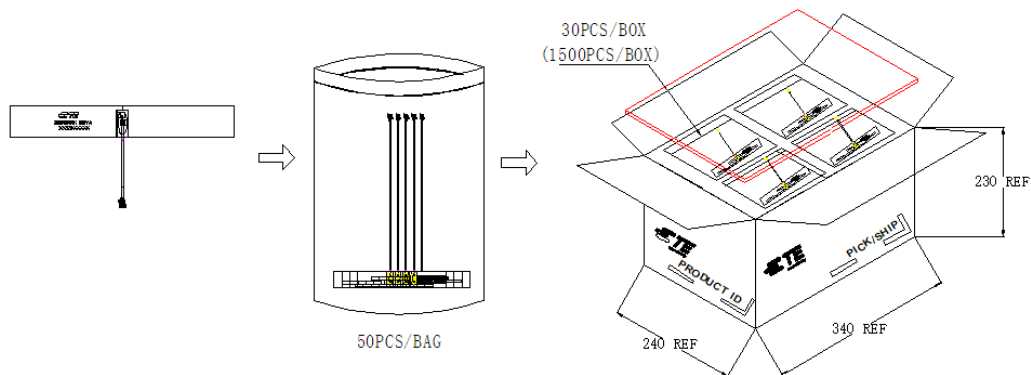


Dimensions: mm
Diagram is not to scale

MATING COMPONENTS

2118793-2	255.0	10.039	MMCX-TYPE PLUG	RECEPTACLE (TE PN: 1-1634010-0)	
2118793-1	185.0	7.28		RECEPTACLE (TE PN: 1-1634009-0)	
PART NUMBER	MM	INCH	CONNECTOR TYPE (ON CABLE)	PART NUMBER	IMAGE
	CABLE LENGTH ("A")			MATING COMPONENTS	

PACKAGING



TE TECHNICAL SUPPORT CENTER

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