



# 698-960 & 1710-2700 MHz LTE WORLD BAND ANTENNA

**Part Numbers: 2372112-1, 2372112-2  
2372112-5, 2372112-6**

## FEATURES & BENEFITS

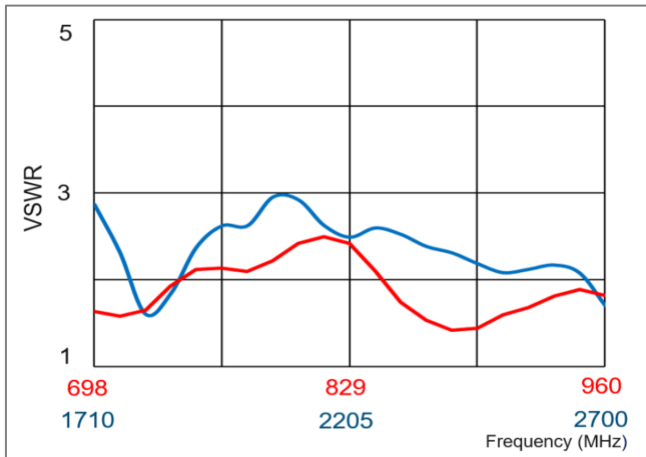
- Adhesive backing on the FPC simplifies mounting within the device
- Omnidirectional coverage
- Efficient design reduces power usage
- No matching components required
- Ground-plane independent design

## SPECIFICATIONS

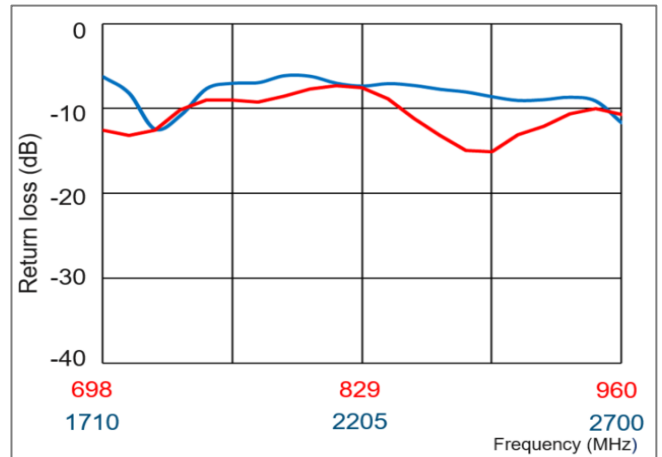
<b>Frequency Range (MHz)</b>	698-960	1710-2700
<b>VSWR</b>	< 2.6:1	< 3.0:1
<b>Efficiency</b>	38%	52%
<b>Average Gain</b>	-4.8dBi	-3.7dBi
<b>Peak Gain</b>	-0.2dBi	0.2dBi
<b>Power Handling</b>	10 Watt cw	
<b>Feed Point Impedance</b>	50 ohms unbalanced	
<b>Polarization</b>	Linear	
<b>Size</b>	65 mm x 15 mm x 0.2 mm	
<b>Weight</b>	< 2.0 g	
<b>Mounting</b>	Adhesive Tape	
<b>Mating Connector</b>	MHF and MHF4L type, refer to page5	
<b>Cable (coaxial)</b>	1.13mm Dia. Refer to page5	
<b>Operating Temperature</b>	-40 to +85°C	
<b>Storage Temperature</b>	-40 to +85°C	
<b>Hazardous Materials</b>	A certificate of conformance is available from the product page on TE website.	

## RF DATA

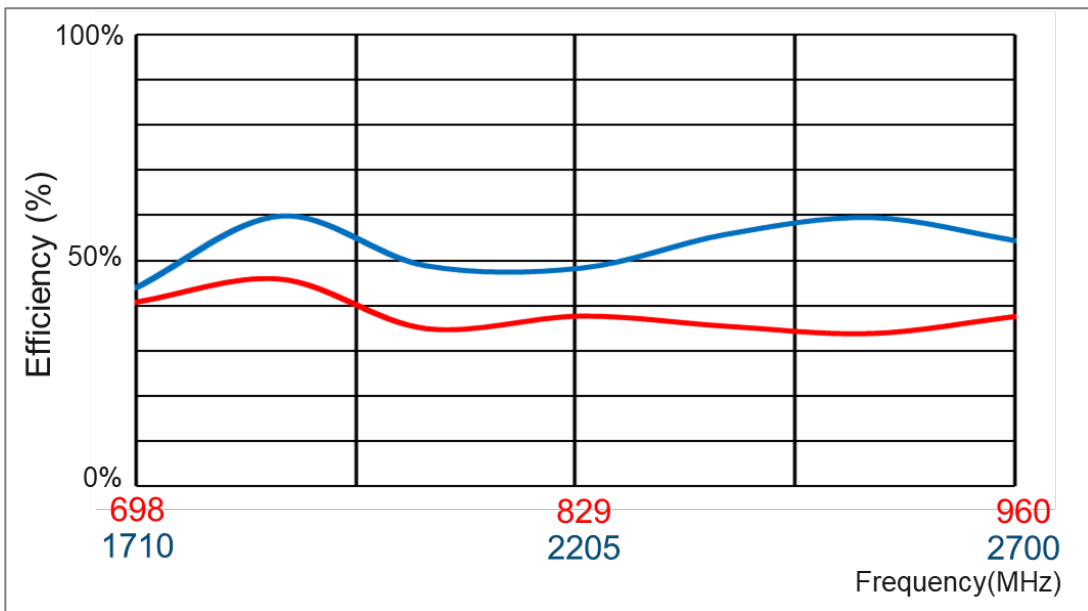
### VSWR



### Return Loss

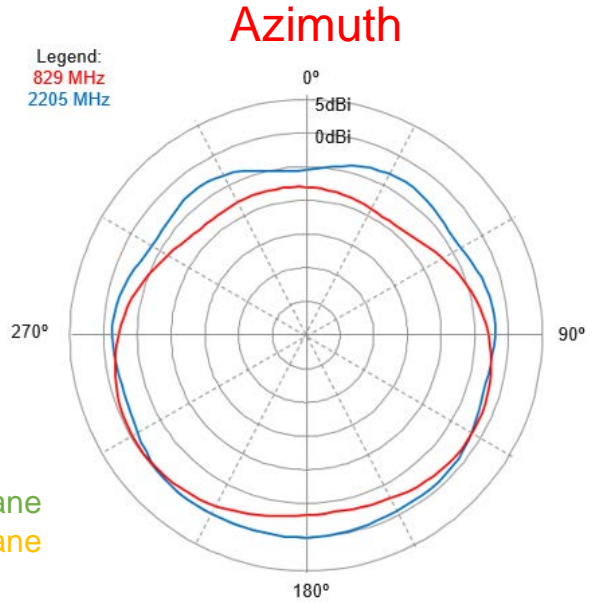
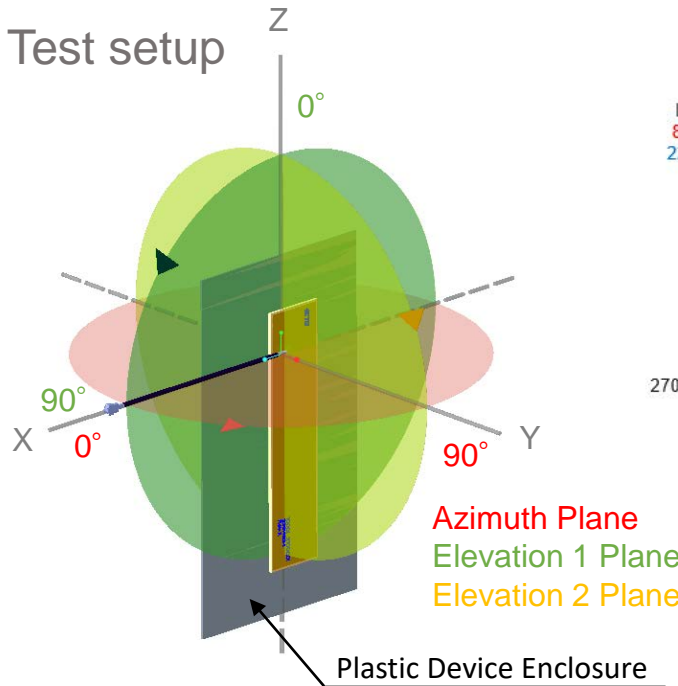


### Efficiency

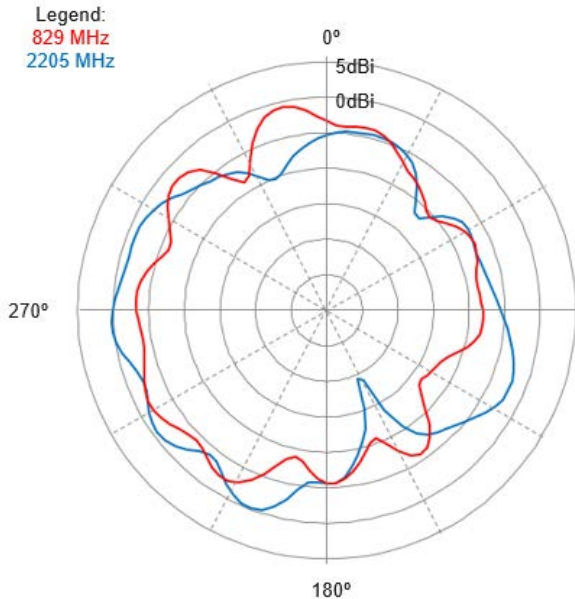


Data measured in free space and on plastic device enclosure

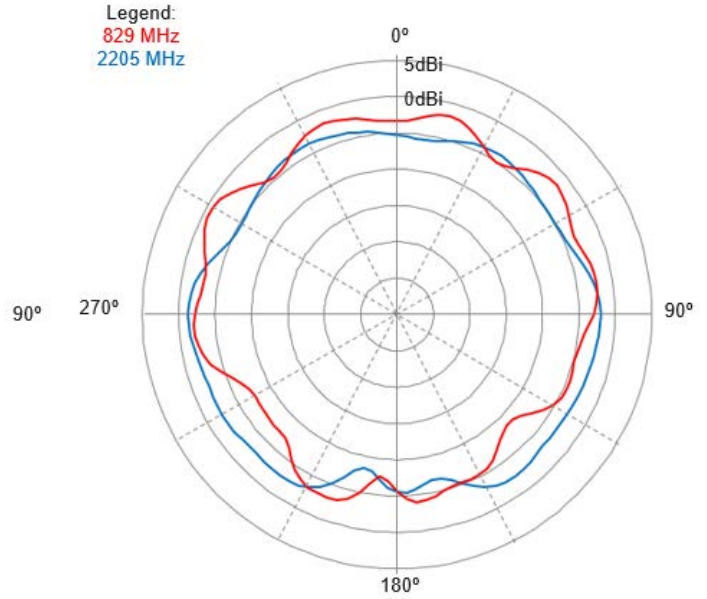
# RADIATION PATTERN



## Elevation 1

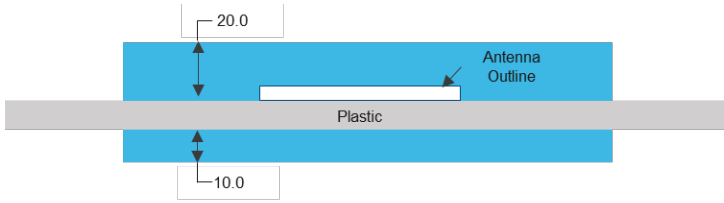


## Elevation 2



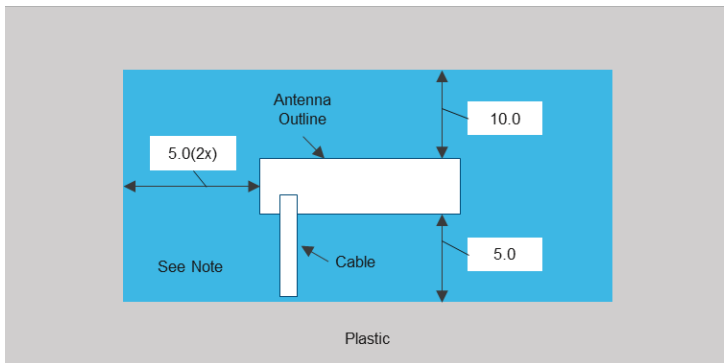
Data measured in free space and on plastic device enclosure

## KEEP OUT AREA



### NOTES

1. Antenna designed to be mounted on plastic cover.
2. Area in blue indicates Keep Out Area.
3. For more information please call TE.

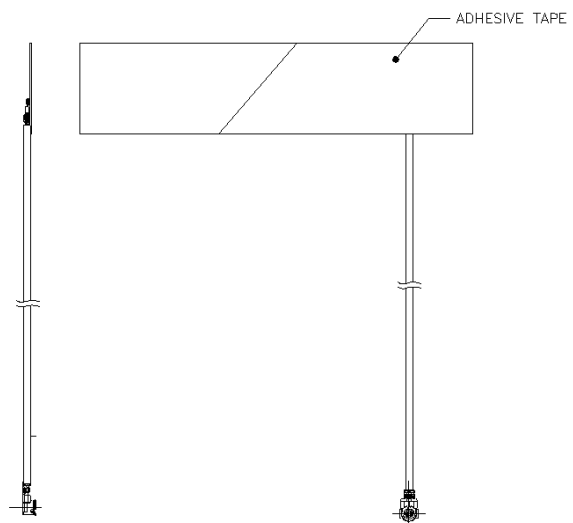
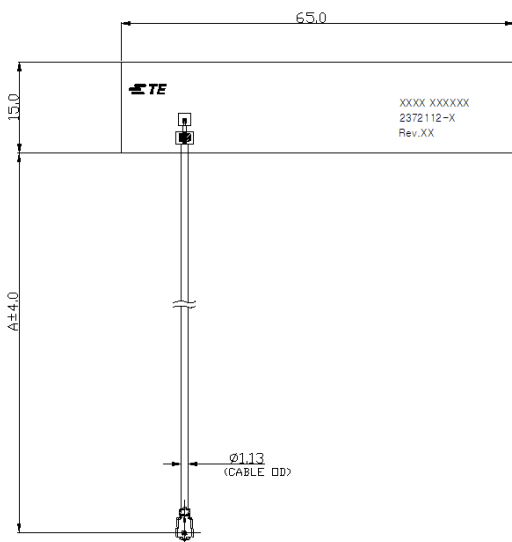


Dimension: mm

Diagram is not to scale

## DIMENSIONS



(Refer to Page 5 for dimension "A")



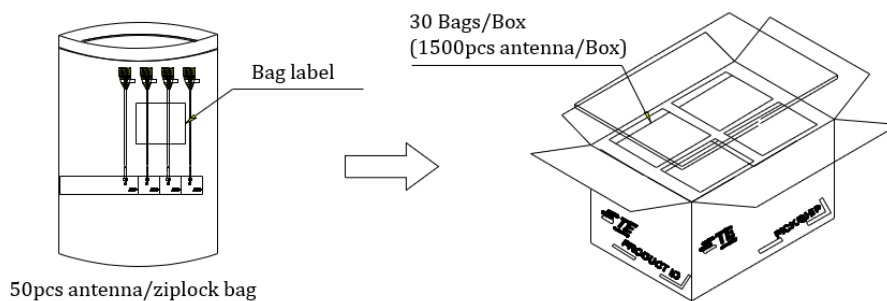
Dimensions: mm

Diagram is not to scale

## MATING COMPONENTS TO PART NUMBER AND DIMENSIONS

2372112-1	150	5.91	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2372112-2	100	3.94	1.13	MHF-TYPE PLUG	RECEPTACLE (TE PN: 2337019-1)	
2372112-5	150	5.91	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
2372112-6	100	3.94	1.13	MHF4L-TYPE PLUG	RECEPTACLE (TE PN: 2334884-1)	
PART NUMBER	MM	INCH	CABLE (OD)	CONNECTOR TYPE (ON CABLE)	PART NUMBER	IMAGE
	CABLE LENGTH(A)		mm		MATING COMPONENTS	

## PACKAGING



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 Germany: +49 (0) 6251-133-1999  
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 France: +33 (0) 1-3420-8686  
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