



Wi-Fi 6/6E TRIPLE BAND EMBEDDED ANTENNA

Part Number: 2108792-1, 2108792-2 2108792-3, 2108792-4, 2108792-5 2108792-6, 2108792-7, 2108792-8 2108792-9

FEATURES & BENEFITS

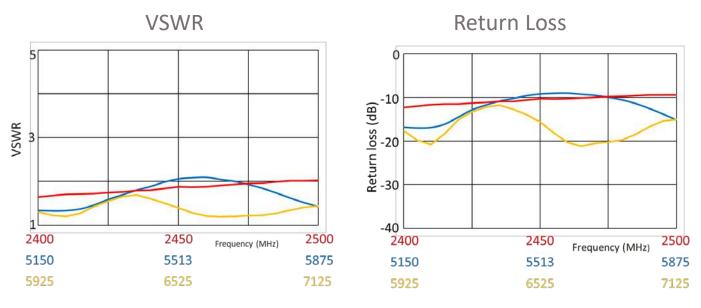
- WiFi 6, also including WiFi 6E new 6GHz band, Bluetooth, ZigBee
- Adhesive backing on the FPC simplifies mounting within the device
- Global Frequency coverage
- FPC antenna assembly
- Different cable length and connector options available

SPECIFICATIONS (Shown as 2108792-1 : Others can vary with different cable lengths.)

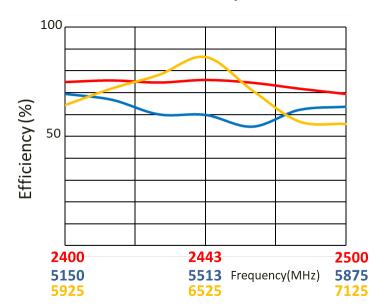
Frequency Range (MHz)	2400-2500	5150-5875	5925-7125	
VSWR	< 2.1:1	< 2.1:1	< 1.7:1	
Average Efficiency	73%	62% 69%		
Peak Gain	4.9dBi	3.5dBi	4.5dBi	
Average Gain	-1.4dBi	-2.1dBi	-1.7dBi	
Power Handling	10 Watt cw			
Feed Point Impedance	50 ohms unbalanced			
Polarization	Linear			
Size	40.0 mm x 10.0 mm x 0.12 mm			
Weight	< 0.9 g			
Mounting	Adhesive Tape			
Mating Connector	MHF and MHF 4L-type Refer to page 5			
Cable(Coaxial)	1.13mm Dia. Refer to page 5			
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 (Shown as 2108792-1: Others can vary with different cable lengths.)



Efficiency

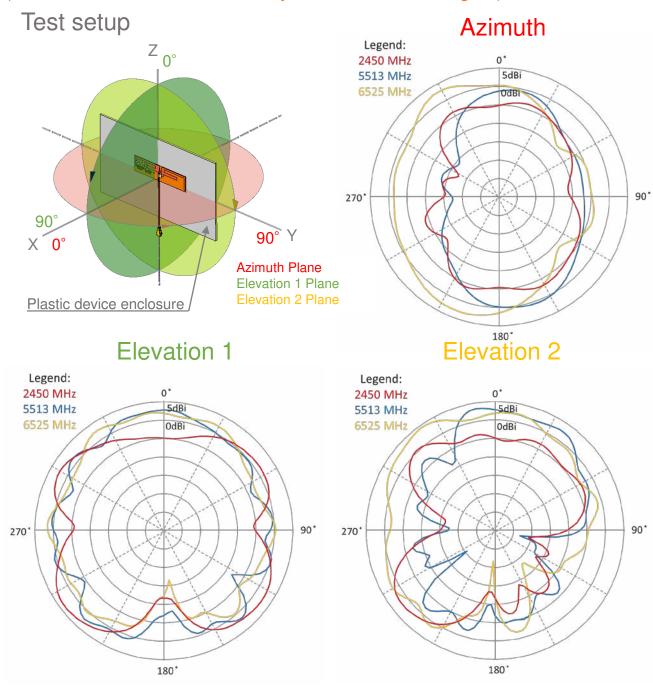


Data measured in free space and on plastic device enclosure



RADIATION PATTERN

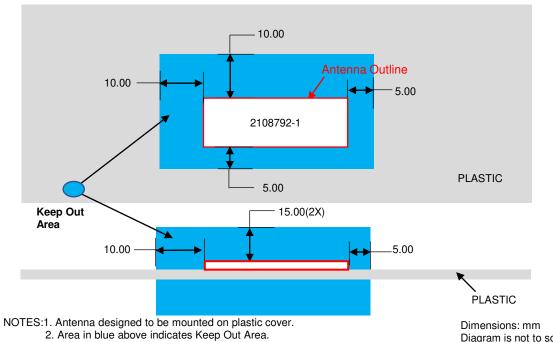
(Shown as 2108792-1: Others can vary with different cable lengths.)



Data measured in free space and on plastic device enclosure



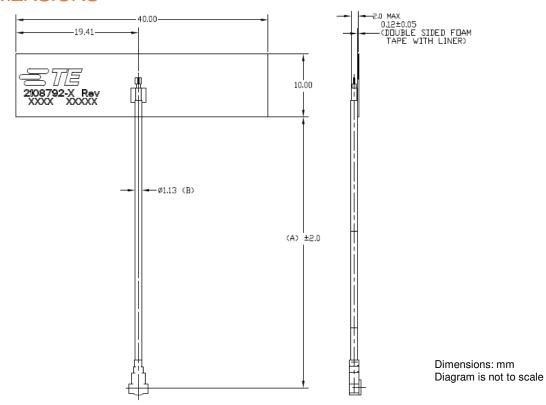
KEEP OUT AREA



- 3. For more information please call TE.

Diagram is not to scale

DIMENSIONS



Wi-Fi 6/6E TRIPLE BAND EMBEDDED ANTENNA

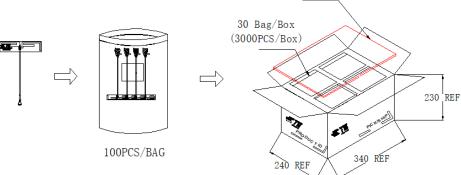
Standard Antenna Solutions



MATING COMPONENTS TO PART NUMBERS AND DIMENSIONS

	RECEPTACLE (TE PN: 2337019-1)	MHF-TYPE PLUG	1.13	4.409	112.0	2108792-1
	RECEPTACLE (TE PN: 2337019-1)	MHF-TYPE PLUG	1.13	1.968	50.0	2108792-2
	RECEPTACLE (TE PN: 2337019-1)	MHF-TYPE PLUG	1.13	3.937	100.0	2108792-3
	RECEPTACLE (TE PN: 2337019-1)	MHF-TYPE PLUG	1.13	5.905	150.0	2108792-4
	RECEPTACLE (TE PN: 2337019-1)	MHF-TYPE PLUG	1.13	7.784	200.0	2108792-5
	RECEPTACLE (TE PN: 2334884-1)	MHF4L-TYPE PLUG	1.13	1.968	50.0	2108792-6
	RECEPTACLE (TE PN: 2334884-1)	MHF4L-TYPE PLUG	1.13	3.937	100.0	2108792-7
	RECEPTACLE (TE PN: 2334884-1)	MHF4L-TYPE PLUG	1.13	5.905	150.0	2108792-8
	RECEPTACLE (TE PN: 2334884-1)	MHF4L-TYPE PLUG	1.13	7.784	200.0	2108792-9
IMAGE	PART NUMBER	CONNECTOR TYPE	MM	INCH	MM	PART
MATING COMPONENTS		(ON CABLE)	CABLE O.D(B)	BLE iTH(A)		NUMBER





foam

TE TECHNICAL SUPPORT CENTER

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