



5G/4G/3G/2G, NB-IoT, Cat-M, GNSS WORLD BAND ANTENNA

Part Numbers: 2195728-1

FEATURES & BENEFITS

- Omnidirectional coverage
- Tab mounting with plated through holes
- Wide Band coverage for 3G, 4G and 5G with GNSS coverage
- Bandwidth and performance is dependent on ground plane size Suggested minimum ground plane length from the antenna feed is 100 mm.

Frequency Range (MHz)	698-960	1427-1661	1710-2700	
VSWR	< 2 : 1	< 2 : 1	< 2 : 1	
Average Efficiency	60%	66%	68%	
Peak Gain	1.67dBi	2.13dBi	2.32dBi	
Average Gain	-2.2dBi	-1.7dBi	-1.6dBi	
Power Handling	10 Watt cw			
Feed Point Impedance	50 ohms unbalanced			
Polarization	Linear	Linear		
Size	55 x 20 mm			
Weight	< 11g			
Mounting	Tab mounting with plated through holes			
Operating Temperature	-40 to +85°C	-40 to +85°C		
Storage Temperature	-40 to +85°C	-40 to +85°C		
Packaging Specification	Bag & Box	Bag & Box		
Hazardous Materials	A certificate of on TE website	A certificate of conformance is available from the product page on TE website		

SPECIFICATIONS

Application data may vary

RF DATA





Data measured in free space and on reference ground plane of 110mm length and 65mm width. Application data may vary

RADIATION PATTERN



Data measured in free space and on reference ground plane of 110mm length and 65mm width. Application data may vary

RADIATION PATTERN



Data measured in free space and on reference ground plane of 110mm length and 65mm width. Application data may vary

MOUNTING GUIDE



KEEP OUT AREA



NOTES: 1. Antenna designed to be mounted on plastic cover.

Area in blue above indicates Keep Out Area. This is base on 65x65mm size metal parts.
For more information please call TE.

Dimensions : mm Diagram is not to scale

DIMENSIONS







Dimensions : mm Diagram is not to scale



PACKAGING

TE TECHNICAL SUPPORT CENTER

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