433MHz/LoRa Helical Antenna

TECHNICAL DATA SHEET

TX433-TH-3



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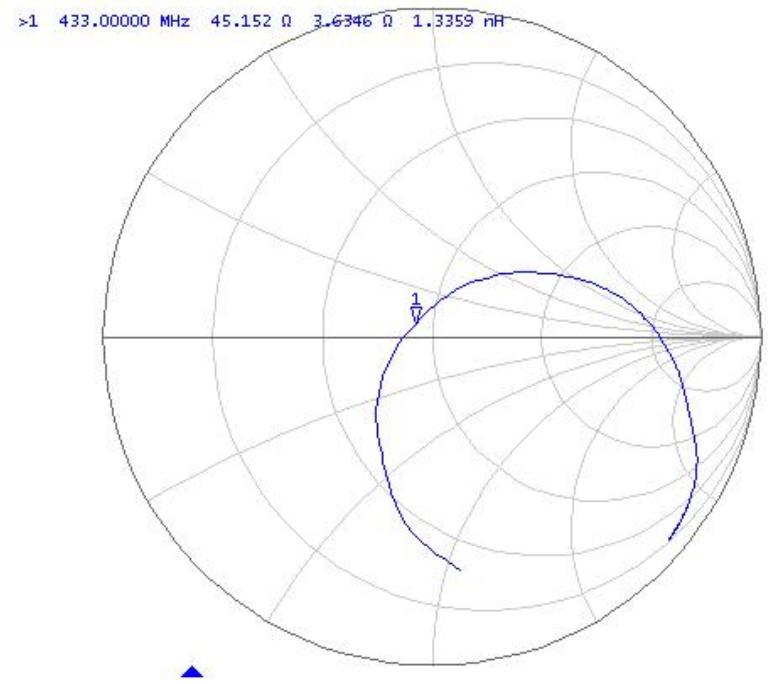
TX433-TH-3

NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX433-TH-3	433MHz Antenna
02	Material	copper with gold plating	
03	Material of Radiator	copper	
04	Connector Type	by soldering	
05	Antenna Colour	silvery	
06	Overall Length	37mm	
07	Weight	0.3g	±0.05g
NO.	**ELECTRICAL SPECIFICATIONS**	**VALUE**	**COMMENT**
01	Frequency	433MHz	423-443MHz
02	Antenna Gain	1dBi	
03	Nominal Impedance	50Ω	
04	Power Capacity	10W	
05	S.W.R.	≤3	
NO.	**ENVIRONMENTAL SPECIFICATIONS**	**VALUE**	**COMMENT**
01	Operation Temperature	-30℃ ~ +75℃	
02	Storage Temperature	-30℃ ~ +75℃	
03	RoHS Compliant	YES	

VSWR



Smith chart



Note.: The testing is completed in air and it's for reference only.

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