



4G/LTE ROD ANTENNA

TECHNICAL DATA SHEET

TX4G-JKS-IPX20





TX4G-JKS-IPX20

NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX4G-JKS-IPX20	4G Rod Antenna
02	Material	ABS	
03	Material of Radiator	Copper	
04	Connector Type	IPEX-1	
05	Antenna Colour	Black	
06	Overall Length	197mm	
07	Cable Type	RG1.37	
08	Cable Length	200mm	
09	Weight	18g	±2g
NO.	ELECTRICAL SPECIFICATIONS	VALUE	COMMENT
01	Frequency	4G	690-960MHz,1710-2700MHz
02	Antenna Gain	5dBi	
03	Radiation type	Omnidirectional	
04	Polarization	Linear	Vertical
05	Nominal Impedance	50Ω	
06	Power Capacity	10W	
07	S.W.R.	≤2.0	
NO.	ENVIRONMENTAL SPECIFICATIONS	VALUE	COMMENT
01	Operation Temperature	-30°C ~ +75°C	
02	Storage Temperature	-30°C ~ +75°C	
03	RoHS Compliant	YES	

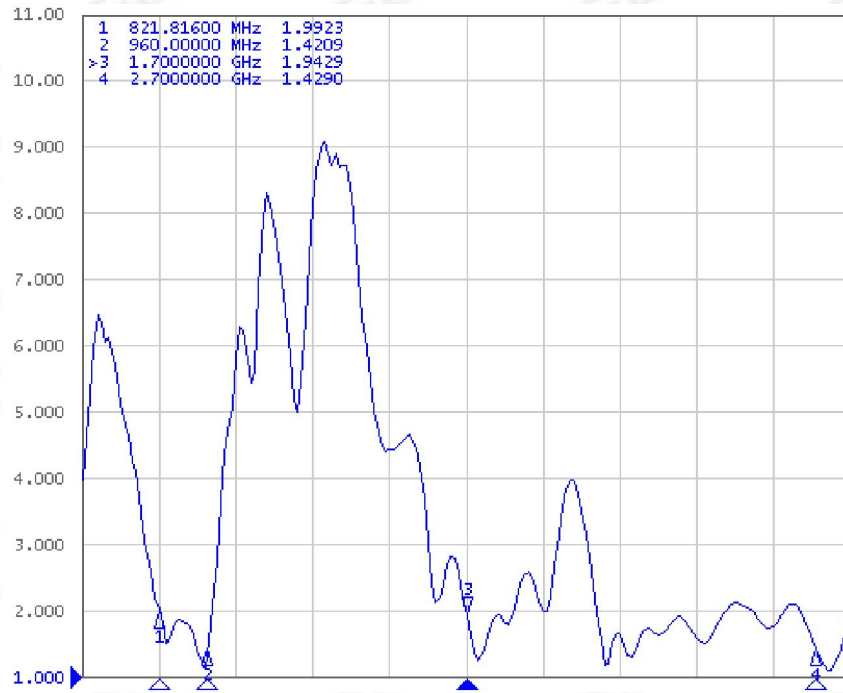
MECHANICAL DRAWING



UNIT: mm

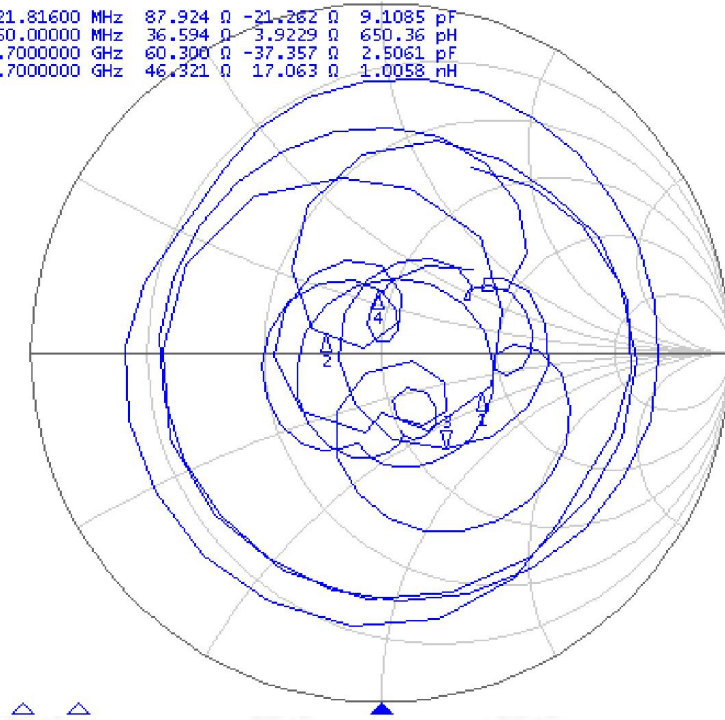
ITEM	PART NAME	QUANTITY	MATERIAL / FINISH
a	Radome	1	TPEE Black
b	Connector	1	IPEX-1

S.W.R.



SMITH

1	821.81600 MHz	87.924 Ω	-21.262 Ω	9.1085 pF
2	960.00000 MHz	36.594 Ω	3.9229 Ω	650.36 pF
>3	1.7000000 GHz	60.300 Ω	-37.357 Ω	2.5061 pF
4	2.7000000 GHz	46.321 Ω	17.063 Ω	1.0058 nH



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