



2.4GHz ROD ANTENNA

TECHNICAL DATA SHEET

TX2400-JKS-IPX20

Chengdu Ebyte Electronic Technology Co.,Ltd.



TX2400-JKS-IPX20

NO.	MECHANICAL SPECIFICATIONS	VALUE	COMMENT
01	Part Number	TX2400-JKS-IPX20	
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	2400MHz	2.4G-2.5GHz
02	Antenna Gain	3dBi	
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	

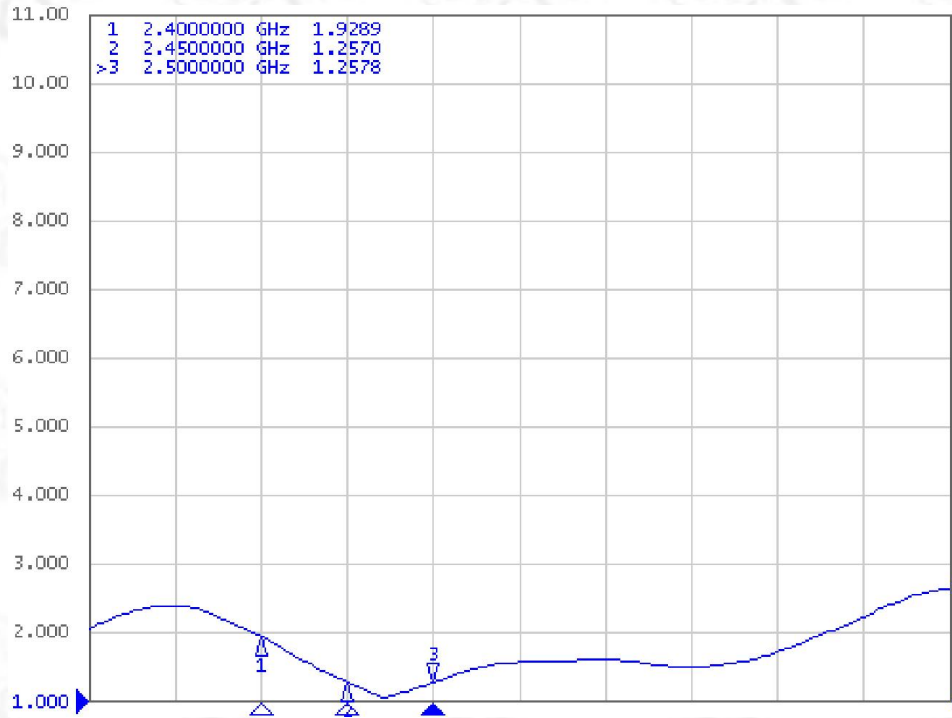
MECHANICAL DRAWING



UNIT: mm

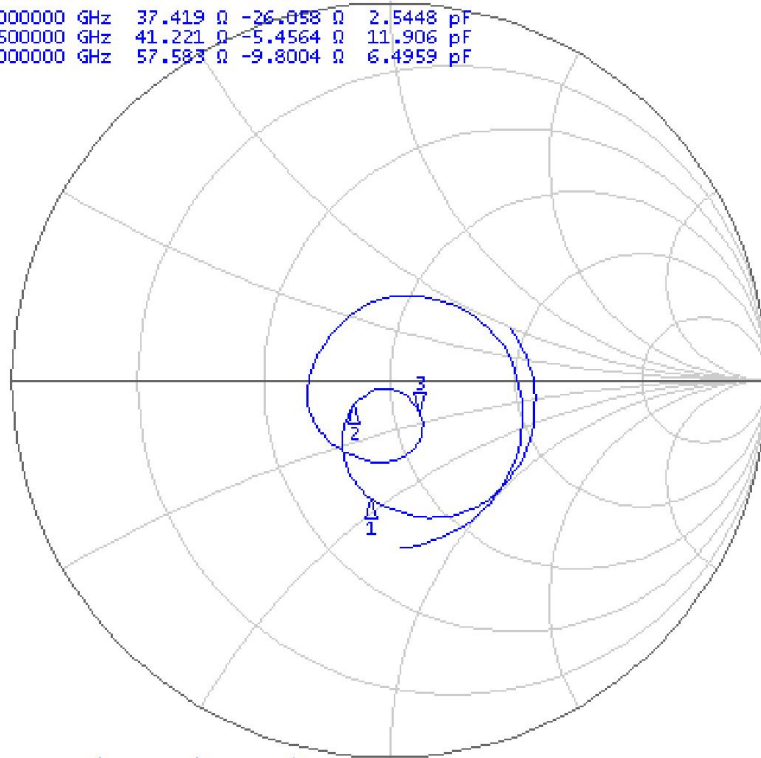
ITEM	PART NAME	QUANTITY	MATERIAL / FINISH
a	Radome	1	TPEE Black
b	Connector	1	IPEX-1

S.W.R.



SMITH

Point	Frequency (GHz)	Real (Ω)	Imaginary (Ω)	Capacitance (pF)
1	2.4000000	37.419	-26.058	2.5448
2	2.4500000	41.221	-5.4564	11.906
>3	2.5000000	57.583	-9.8004	6.4959



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