

## RFID Mat Antenna

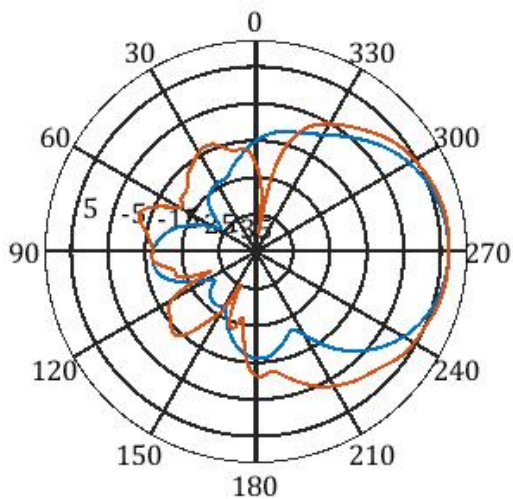


### Specifications:

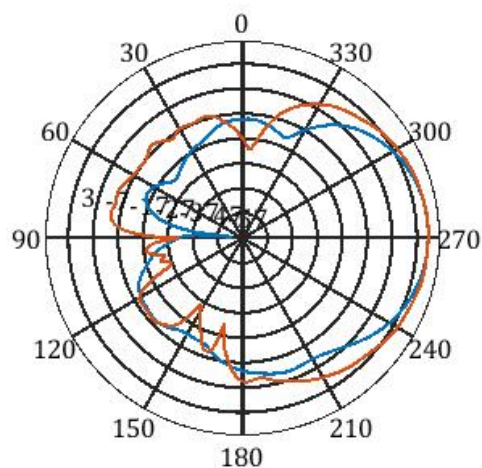
Electrical	
Part Number	JT-T12665
Frequency Range	902-928MHz
Polarization Type	RHCP
Gain	12dBi
3dB Beam-Width. H-Plan	70°
3dB Beam-Width. E-Plan	38°
VSWR	≤1.3
Front to back Ratio	≥20dB
Input Impedance	50Ω
Max Input Power.	50W
Lightning Protection	DC Grounded
Mechanical	
Connector Type	TNC-Male or customize
Dimensions H*W*D (mm)	1260*500*20 (mm)
Material	EVA
Color	Black
Cable	50-5
Cable length	1M
Operating Temperature Rang	-40°C/+60°C
Support Pole Diameter	φ30-φ60(mm)
Rated Wind Velocity	60m/s

# Radiation Pattern:

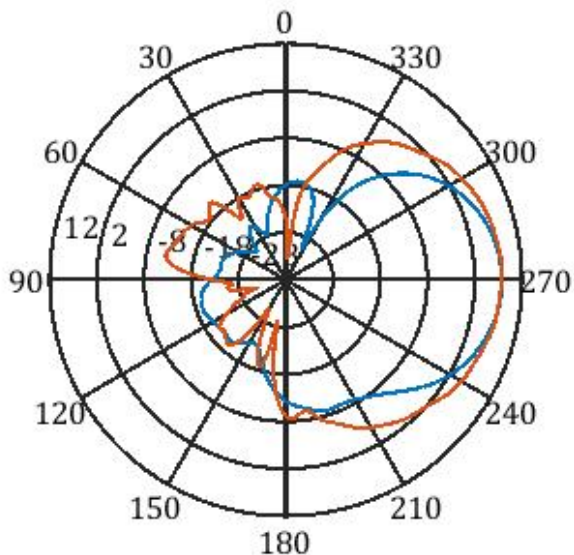
频率	增益 (dBi)	交叉极化比(dB)(主轴)	交叉极化比(dB)(±30°)	交叉极化比(dB)(±60°)	水平波束宽度(°)	水平波束偏移(°)	垂直波束宽度(°)
Frequency (MHz)	Gain [dBi]	H_XPD(dB)(0°)	H_XPD(dB)(±30°)	H_XPD(dB)(±60°)	H_BW(°)	H_BW_center(°)	V_BW(°)
900	9.8258	0.9705	0.9705	0.0749	46.7631	2.0943	62.3635
905	9.7601	0.8984	0.3921	0.0021	45.9848	3.3045	63.0132
910	9.7756	1.1986	0.1299	0.0175	45.1938	3.7357	61.3405
915	9.8369	1.2278	0.2862	0.0374	44.1897	3.2876	62.1187
920	9.958	1.6449	0.96	0.3263	43.8099	2.1655	61.2309
928	10.0786	1.7167	1.5913	0.3599	43.4864	-0.3674	62.2078
930	10.0615	1.6669	1.3109	0.682	43.0297	-0.9548	62.4593



f=900MHz, Co@2-cuts



f=920MHz, Co@2-cuts



f=928MHz, Co@2-cuts