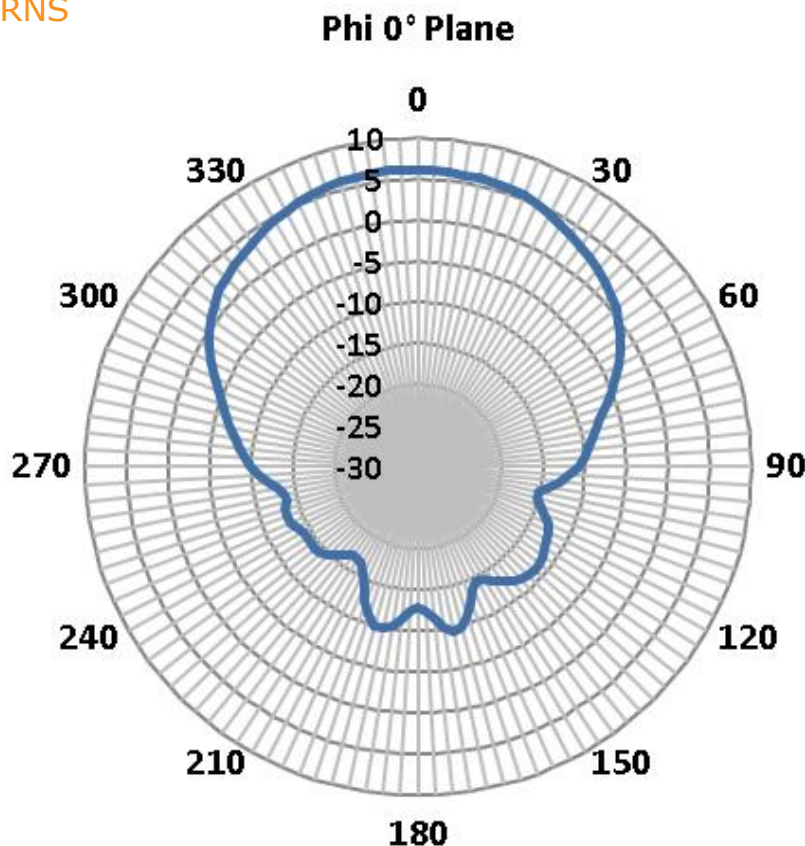


VULCAN RFID Antenna Datasheet

SPECIFICATION				
Zebra Part number		AN-000348-01		
TE Connectivity Part Number		L000213-01		
Frequency (MHz)		865-868	915-921	902-928
Polarization		Dual Linear		
Antenna Type		Patch (Dual-band Directional)		
Peak Gain (dBi)	V-pol	6.5	7.2	7.2
	H-pol	6.4	7.1	7.1
Average Front-to-Back Ratio (dB)	V-pol	19.4	19.7	18.5
	H-pol	20.6	18.7	17.7
Average Beamwidth (°)	V-pol	75.4	71.8	71.4
	H-pol	79.4	72.1	72.2
VSWR, Maximum		1.25:1	1.25:1	1.25:1
Characteristic Impedance (Ω)		50		
Connector Type		MMCX (F)		

RADIATION PATTERNS



Antenna Gain - 900 MHz Band

Frequency (MHz)	902	904	906	908	910	912	914	916	918	920	922	924	926	928
Ave. Gain (dBi)	V-pol	6.90	6.92	6.93	6.93	6.92	6.92	6.93	6.94	6.90	6.89	6.89	6.87	6.83
	H-pol	6.86	6.87	6.89	6.88	6.87	6.88	6.89	6.89	6.84	6.82	6.82	6.81	6.78