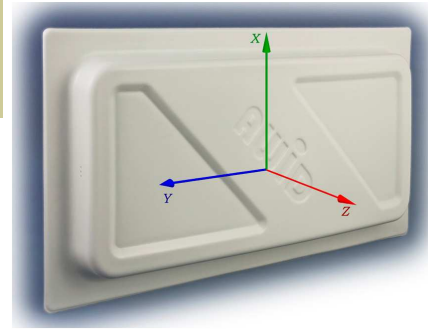




Power of RF(ID)

Bi-Static Circular Polarized Antenna for RFID
ANT-915CPD (902-928 MHz)



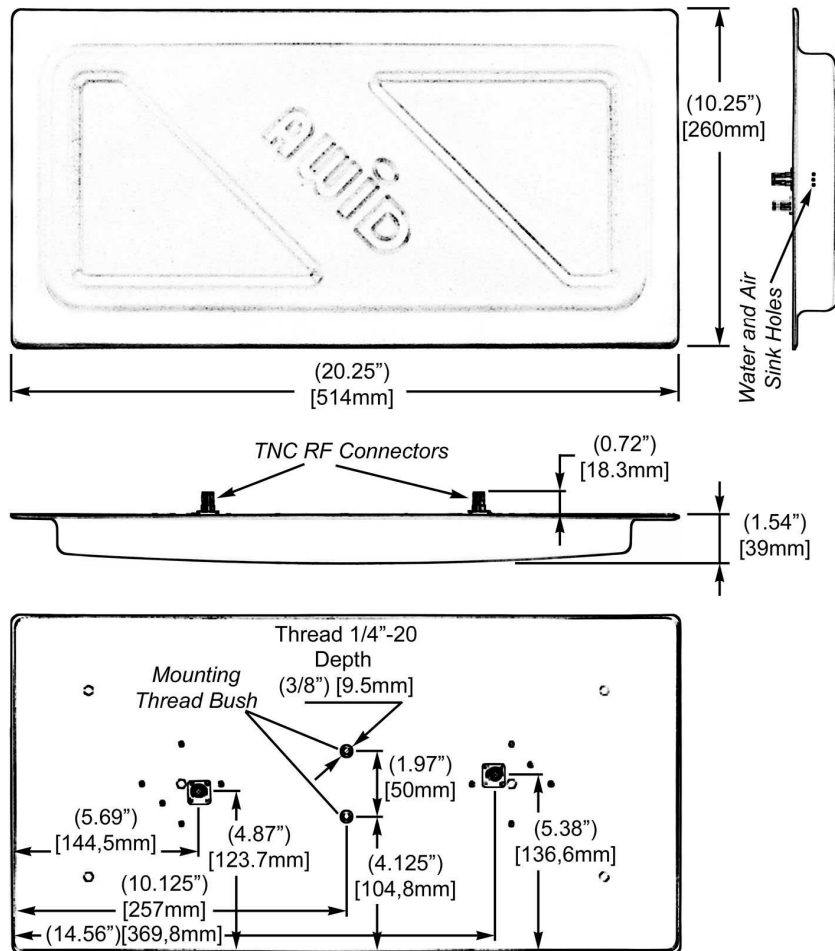
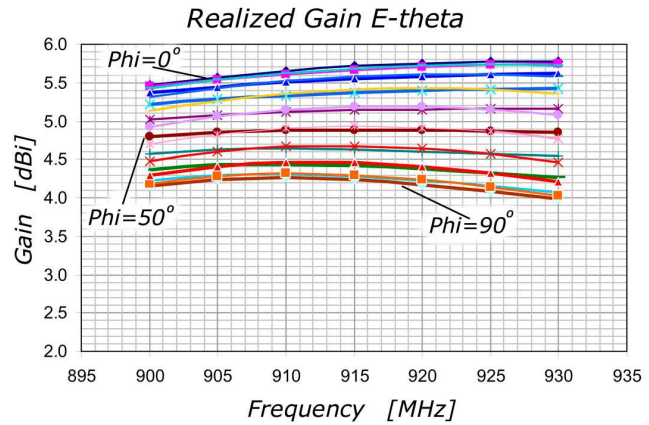
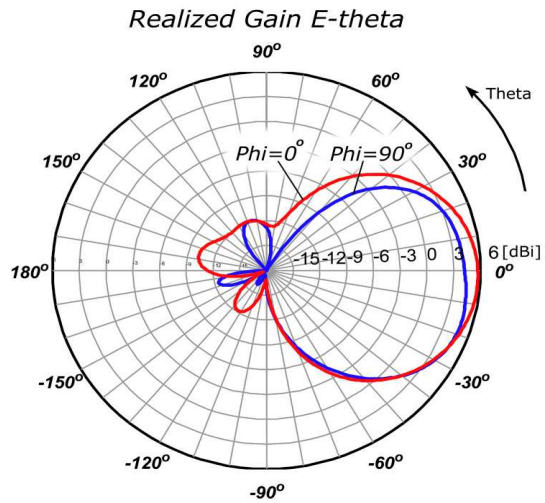
ANT-915CPD

Features

- Maximum achieved realized gain and frequency bandwidth within moderate volume
- Variation of Maximum Gain: less than $\pm 0.88\text{dB}$ in Z direction at any Phi angle within operational frequency band
- Variation of Maximum Gain: less than $\pm 0.5\text{dB}$ within frequency band 876-973MHz
- Very low coupling of transmitter signal into receiver – isolation is more than 29dB

Specifications

Operational Frequency Band	902 - 928 MHz
Polarization	RHCP
Peak of Linear Polarized Realized Gain	+5.77 dBi
Maximum Axial Ratio at the bore-sight direction	1.75 dB
Width of radiation pattern at -3dB from maximum	64° ($\pm 32^\circ$)
Maximum input VSWR	1.15
Maximum Input Power	5.0 Watt
Weight	33.3 oz (943 g)
Protection Class	IP 50



Dimension of Antenna



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