



Itron DCU5310C Automatic Meter Reading Installation Guide

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FCC ID: E09DCU5310C, IC: 864A-DCU5310C Antennas

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MC Antenna

a. 5dBi Gain, 908-958 MHz, Omni directional, Vertical polarization, 26.5" long



GPS receive antenna / antenna mount



Antenna Element: Center Frequency: 1575.42 MHz $\pm$ 1.023 MHz
 Output Impedance: 50 Ohm
 Current consumption: 12 mA max Amplified Gain: 26dB min
 Radiation Pattern Omni Dimensions: 2.25" W x 4.25" L x 1.25" H
 Cable: RG174 (GPS antenna side) 17' RG58/U (mobile antenna side)
 Connectors: GPS Connector: Male SMA (MSMA) Mobile Connector: Male TNC

Side looker receive antenna quantity – 2



Operating frequency: 902 MHz to 928 MHz
 Gain: 9.1 dBi
 Input Impedance: 50 ohms
 Input Return Loss: 14 dB minimum (1.5:1 VSWR)
 Maximum Input Power: 20 Watts
 Polarization: linear
 Radiation Pattern Directional Dimensions: 8.8" x 8.1" x 1.6"
 Cable: Pro-Flex-195 17'
 Connector: TNC male, straight

Rev b

Documents / Resources



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