



TRIO
DATA COM

Antenna - Omni-Directional

900 MHz ISM

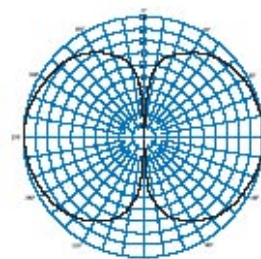
Model: ANT915OMNI

Introduction

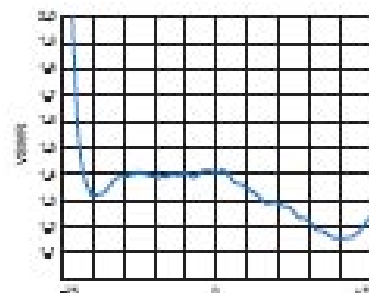
The ANT915OMNI antenna is a unity gain antenna and is ideally suited for use in urban areas and telemetry applications where performance is paramount.

This antenna is extremely robust in design with a single PCB based radiating element housed in a black fiberglass radome fitted to a stud mount base.

The unique design of this radiating element offers superb pattern stability across the entire band, contrary to traditional designs.



E Plane radiation pattern at 892 MHz



Frequency - MHz from centre frequency

Features

- ❖ Suits 902-928 MHz ISM License Free Band
- ❖ Unity gain ideal for urban areas and telemetry applications
- ❖ Requires no ground plane
- ❖ Suitable for use in a marine environment
- ❖ Supplied with 0.4m low loss cable, pre-terminated

Specifications - Electrical

Part No	Gain (dBi)	Frequency (MHz)	Tuned Bandwidth (MHz)	VSWR	Impedance (Ohms)	Vertical Beamwidth	Input Power (Watts)
ANT915OMNI	2.14	824-960	Full	<1.5:1	50	80°	10

Specifications - Mechanical

Part No	Construction	Length (mm)	Weight (kg)	Cable	Termination	Mounting
ANT915OMNI	Hybrid PCB with F/G Radome	285	001	0.4M low loss	Silver plated N-Type Female	MM2 bracket

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