



PROXSECURE UHF LABELS PVT. LTD.



# WAVE-UHF RFID

## Antenna

Perfect WAVE -UHF RFID Antenna series offers a small & thin antenna with size of 150 mm / 5.9 inch square attractive design and upto the mark with industry applications. This antenna come with an refine radiation pattern than other antennas of similar size in the market, The circularly polarized wave UHF antenna creates a new standard for multi-purpose UHF RFID antennas. Antenna with IP68 rating and built to perfect standard for quality and robustness, The perfect wave antenna can be used for permanent outdoor applications.



### Applications



Asset Management



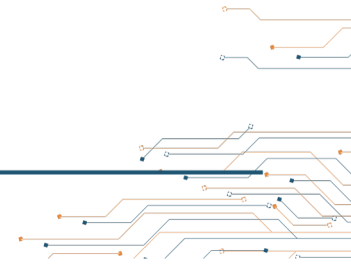
Retail Management



Warehouse Management

### Order Information

Model / Part number	Mounting Type
Wave-501 FLUSH Mount/ PW501F	Flush/Flat

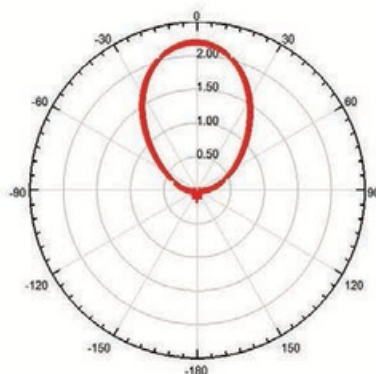


## Electrical/ RF Characteristics

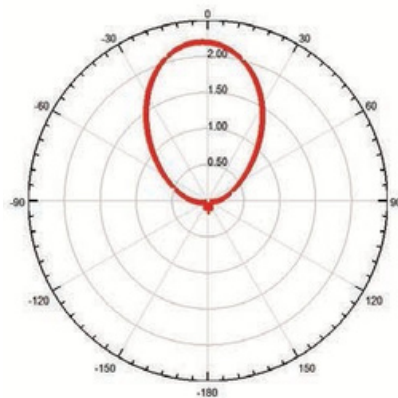
Operational Frequency	2.2187- 1.8
Polarization	Vertical
Gain	14.5 dBi
VSWR	1.4
Front to Back ratio	16 dB
Beam width at 3db	110°
Max. Power Input	30W
Read Range	41-13.12m

## Radiation Pattern :

Radiation Pattern 1



Radiation Pattern 2



## Physical/Environmental Specifications

Dimensions(L X W X D)	150.00 x 150.00 x 0.22 mm
Operating and Storage Temperature	-40°C to +85°C
Connector Type	UHF

## Physical Mounting Information

### Wave-501 FLUSH Mount/ PW501F

