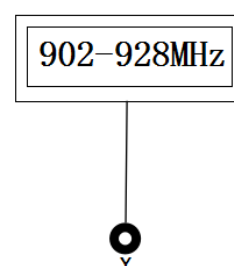


## ANTENNA PRODUCT TECHNICAL SPECIFICATION

# LION AN4800 RFID ANTENNA

Electrical Specifications	
Frequency Range(MHz)	902-928 MHz
Gain(dBi)	9±1dBi
VSWR	≤1.3
Polarization	Circular polarization
Horizontal Beamwidth(0°)	65±8°
Vertical Beamwidth(0°)	65±8°
Front-to-back ratio(dB)	≥20
Input Impedance(Ω)	50Ω
Maximum input power(W)	100W
Input connector type	N-K (lead out)
Lightning Protection	DC grounding

Mechanical Specifications	
Dimensions-mm(Height/Width/Depth)	260*260*45mm
Packing size(mm)	640*430*320mm(10PCS)
Antenna weight(kg)	1.58Kg
Rated Wind Velocity(m/s)	31.5m/s
Operational Humidity(%)	10- 95
Radome material	ABS
Radome color	White
Installation Method	Pole installation
Mounting hardware(mm)	φ30 ~ φ50

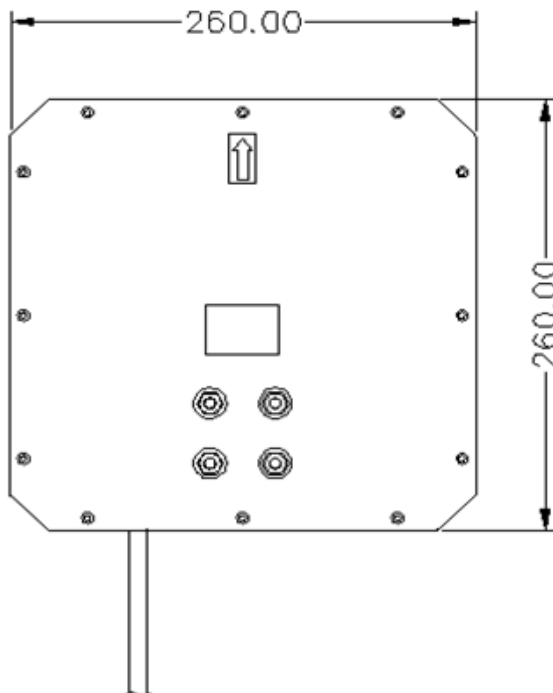


Operating temperature(°C)	-40 ~ 55
Mechanical tilt(°)	0-10°

**Product Image :**

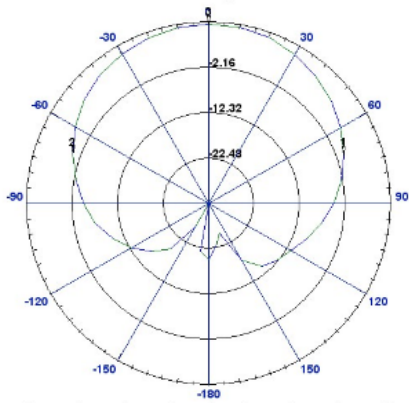


**Product size chart :**



## Radiation Patterns :

Horizontal Patterns H



Vertical plane pattern V

