

Narrow Beam for Antenna Jewellery

Overview



Pegasus RA103 is a small UHF RFID antenna with wide frequency band (860 ~ 930MHz) design, low standing wave ratio and linear polarization characteristics, independent mold opening, engineering plastic shell, firm structure, high protection level, long-term work Good stability, widely used in forklift applications, vehicle management, warehousing management, asset management and other fields.

Features

- Polarization mode: linearly polarized near-field antenna
- Gain: -8dBi
- Magnetic field strength: -13dBA/m (30dBm output, center 1cm)
- Standing wave ratio: $\leq 1.8:1$

Application

- Warehousing logistics, Production
- Jewellery Store Management
- Fleet Management, Yard Management

Physical Parameter	
weight	0.8kg
Dimensions	164mmx164mmx25mm
Material	Engineering plastic ASA, Aluminium
Performance P arameter	
working frequency	840MHz ~ 928MHz
Standing wave ratio	≤1.5:1
Gain	-8dBi
Polarization mode	Linear polarization
input resistance	50Ω
Connectortype	SMA male, side out
Reading distance	30cm (25dBm output power)
Environmental P arameters	
Operating temperature	-20 ° C ~ +70 ° C
Storage temperature	-40°C ~ +80°C

