



DESCRIPTION

Original appearance designed high-end UHF RFID Antenna , high gain but low standing-wave ratio brings best performance. Engineering plastic housing, rugged construction, high protection level for wide using with our fixed reader, such as assets tracking, warehouse management, intelligent traffic management, vehicle tracking, production line management, intelligent weight measurement etc.

Features

- Low profile with high gain reading distance range up to 20m
- Maximum efficiency and performance across the entire frequency band
- Seamlessly compatible with different brand RFID readers

Physical Characteristics

Dimensions (L x W x D)	445mm×445mm×40mm
Weight	1.95Kgs
Radome Material	Aluminum +ABS
Sealing	IP66
Connector type / position:	TNC female or Customizable
Mounting	Bracket
Operating Temperature	-40- +70°C
Storage Temperature	-40- +70°C

Electrical Specifications

Frequency Range	860MHz ~ 960MHz
Polarization	Circular
Far-Field Gain	12 dBi
H side Beamwidth	45°
E side Beamwidth	45°
Typical VSWR	VSWR≤1.3
Nominal Impedance	50 (Ω)
Maximum Input Power	100W
Lightning Protection	DC to ground

Applications

Widely used for long reading distance application such as warehousing, logistic, production, yard etc.