



DESCRIPTION

Specialized original appearance designed for Vehicle management, Linear polarization, 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 split-type fixed reader, such as ETC, parking management, intelligent traffic management, vehicle tracking, traffic analysis etc.

Frequency:	840MHz ~ 960MHz
Gain	12 Dbi
Features	
<ul style="list-style-type: none"> • 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)	600mm×180mm×55mm
Weight	0.6KG
Radome Material	Aluminum +ABS
Sealing	IP66
Connector type / position:	N female or Customizable
Mounting	Bracket
Operating Temperature	-40 - +85°C
Storage Temperature	-40 - +85°C
Electrical Specifications	
Frequency Range	840MHz ~ 960MHz
Polarization	Horizontal
Far-Field Gain	12 dBi
H side Beamwidth	50°
E side Beamwidth	70°
Typical VSWR	VSWR≤1.3
Nominal Impedance	50 (Ω)
Maximum Input Power	100W
Lightning Protection	DC to ground
Applications	
Widely used in ITS / ETC, access control, vehicle management ,etc.	

