



DESCRIPTION

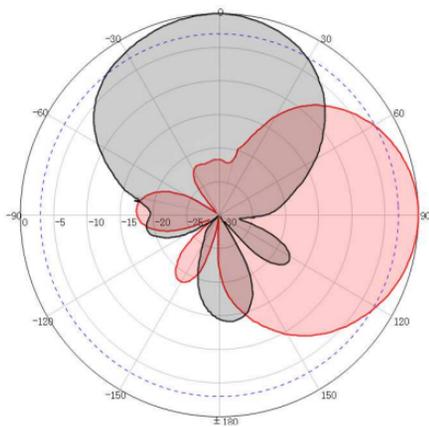
Small size and high rugged housing, easy for installation. With 9dBi power gain, RFG-9Dbi Circular Antenna is new designed long range UHF RFID antenna, suitable for Fixed UHF reader(Zebra, Impinj) widely used in warehouse, factory, retail store, parking lot etc.

Electrical Specification

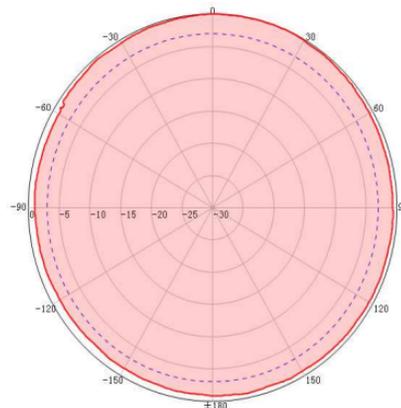
Frequency Range	865-868MHz
Polarization	Circular (LHCP or RHCP)
Gain	9 dBi
VSWR	≤1.3
Horizontal Beamwidth	65°
Vertical Beamwidth	65°
F/B Ratio	>18 dB
Axial Ratio	< 3 dB
Nominal Impedance.	50Ω
Maximum Input Power	10 W
Lightning Protection	DC Ground

Mechanical Specifications

Connector Type	Fixed (N-female)/ Pigtail (N / SMA / TNC)
Mounting Type	Mast Mount
Dimensions	258 x258 x35 mm
Radome Material	High-strength PC
Weight	1.1 KG
IP Rating	IP65
Operating Temperature	-40 ~+60°C



868MHz



Axial Ratio