

BRA-31

8.5dBic Circularly Polarized Narrow Beam RFID UHF Antenna

FEATURES

- Designed for both Indoor & Outdoor applications, IP67
- Low profile patch Antenna
- Extremely low VSWR and axial ratio
- Weather and UV resistant radome
- Wide range of connector and cable options
- Radome is white high strength ASA
- 8.5dBic Peak Gain, Circular polarized



PRODUCTS

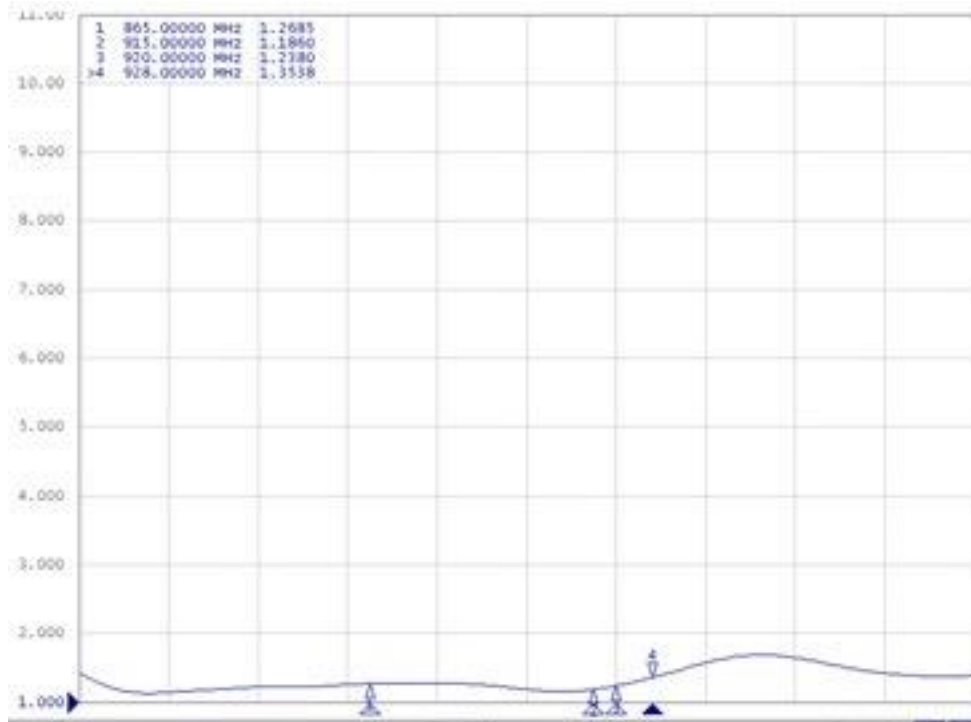
Part No.	Weight	Dimensions (LxWx H)	Connector	Color
BRA-31	1.3kg	200 × 200 × 32 mm	TNC-RP-Female	White

SPECIFICATIONS

PARAMETER	SPECIFICATION
Frequency Bands, MHz	860~960
VSWR (Max)	1.3:1
Peak Gain, dBic(Typ)	Up to 8.5
Nominal Impedance	50 Ω
Max Power (ambient temp of 25°C)	10 Watts
Azimuth Beam Width (deg)	78° x 78°
Polarization	Circular
Front to Back Ratio	20 dB
Axial Ratio	3 dB Typical
Mounting	2 or 4 Threaded Studs
Lightning Protection	DC Grounded
Environmental Sealing	IP 67
Radome	ASA
Storage Temperature Range (°C)	-40°C~+ 85°C
Operational Temperature Range (°C)	-40°C~+ 85°C
Material Substance Compliance	REACH/RoHS Compliant
HSCODE	8517707090
USHSCODE	8517620010
UPC	

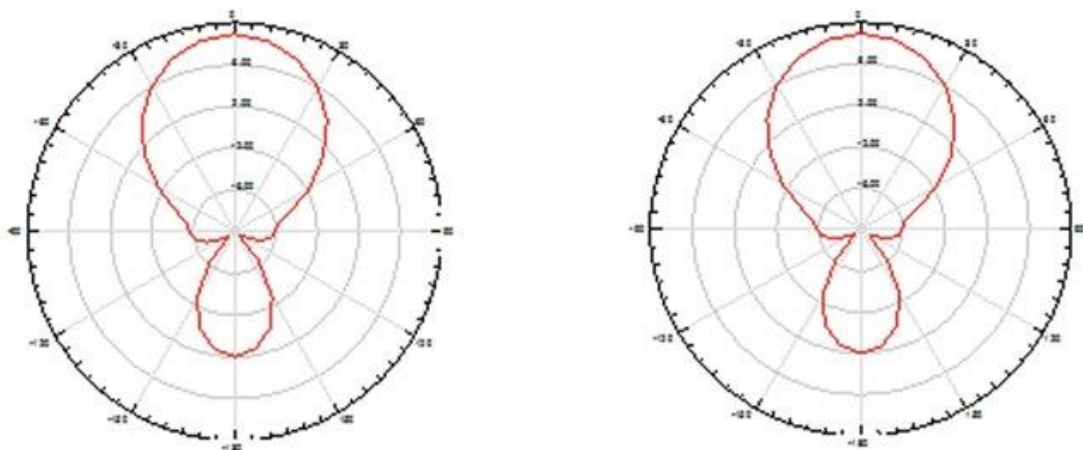
ELECTRICAL DATA

Return Loss

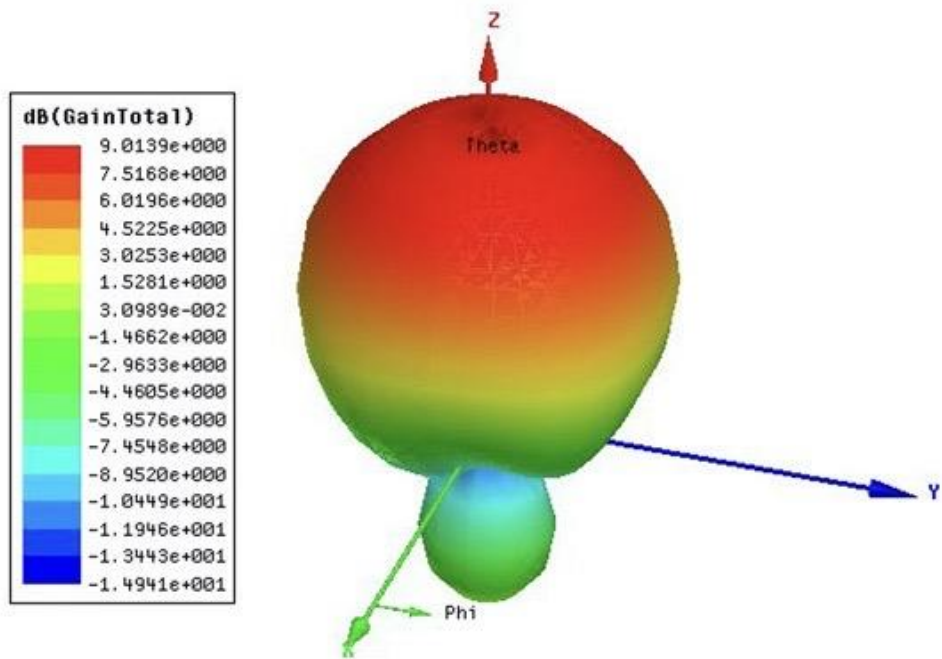


RADIATION PATTERNS

2D Radiation Pattern at 868MHz



3D Radiation Pattern at 868MHz



HOUSING CONFIGURATIONS

