

UHF RFID Circular Polarized Antenna

The UHF RFID Circular Polarized Antenna is designed for reliable, high-performance RFID communication across a wide range of applications. Its circular polarization helps provide consistent tag detection and stable signal reception, even when tag orientation varies. Built for durability and dependable operation, the antenna is suitable for inventory management, asset tracking, access control, logistics, retail, and industrial RFID systems. Its robust construction and efficient RF performance make it an ideal choice for demanding UHF RFID environments.

Mechanical Specifications

Type	UHF RFID Antenna
Model	TE-ANT-860-960-4-RFID-22
Connector	SMA-Female
Dimension	140 x 140 (Approx.)
Weight	< 500 g
Housing	Fiber Glass



Environment Specifications

Operating Temperature	-30 ~ 60 °C
Relative Humidity	≤ 75%
Applications	Indoor/Outdoor
Waterproof Grade	IP65

Electrical Specifications

Frequency Band	860-960 MHz
Gain	4 dBi
VSWR	< 1.5
Polarization	Circular
Radiation pattern	Omni Directional
Beam-width	360 °
Power Handling	50 W
Impedance	50 Ω

TE TECH SOLUTION

Head Office: Mala Bhawan, Near Lohar Basti, Rangamati, Sindri, Dhanbad Jharkhand – 828122

R&D Centre: FF-02, 1st Floor, STPI Building, Near BIT Sindri, Sindri, Dhanbad, Jharkhand (India) – 828123

Branch Office: 38, Hanuman Layout, 1st Cross, Ramchandrapura, Jalahalli – Post, Bangalore (India) – 560013

Tel : +91-7829139667, 8910780736, 0326-3560859 | Email: enquiry@tetechsolution.com | www.tetechsolution.com