

EYE

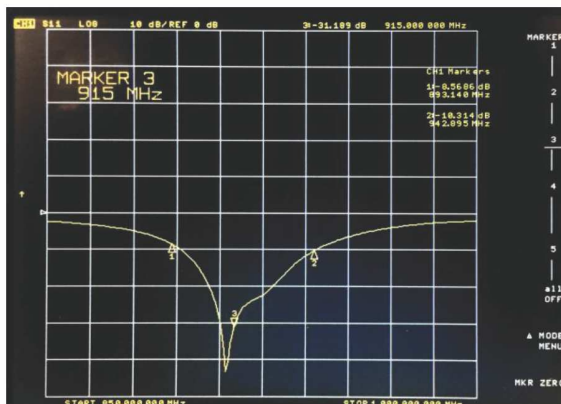
Widebeam, detune-resistant RFID antenna

The Seeonic EYE antenna is ideal for general use cases in real-world RF environments where reflections are present and tagged items or random objects are closeby. Typical antennas get detuned when objects disrupt their field, degrading performance or rendering them inoperable. The low-profile EYE antenna overcomes this with a large bandwidth and an exceptionally deep, stable impedance match. This ensures that no matter what objects get in the way, your RAIN RFID solution remains robust and tag reads remain accurate.

This EYE will see your tags no matter what gets in the way.

Key Features:

- Resists detuning via large bandwidth (890-944MHz)
- Ultra-high performance via deep matching (-35dB)
- Wide beamwidth for shelf or general use
- Thin profile (1/4" face)
- Snap-in, vibration-proof FAKRA RF connectors



| Characteristics | |
|----------------------------------|---------------------|
| Impedance | 50 ohms |
| Polarization | Circular |
| Gain | 2.8 dBi |
| Max Read Distance | Up to 15 ft |
| Elevation Beamwidth | 78° |
| Azimuth Beamwidth | 108° |
| Bandwidth | 54MHz (890-944MHz) |
| Return Loss | -35dB @ 913MHz |
| Mechanical | |
| Connector | FAKRA Male R/A |
| Dimensions (face) | ¼" x 4.45" x 5.518" |
| Dimensions (w/ cable plugged in) | ¾" x 4.45" x 5.518" |