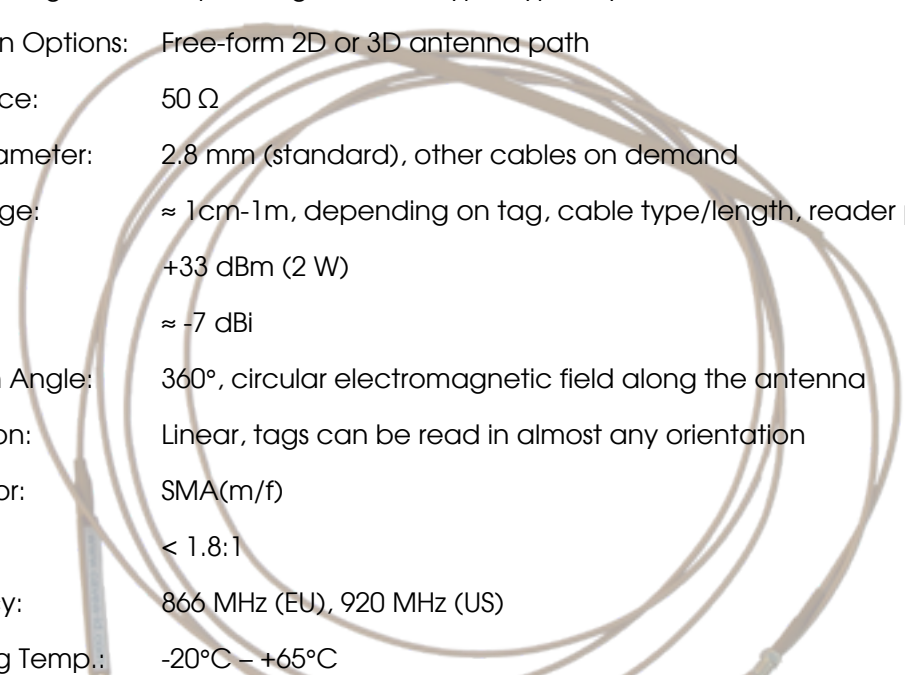


LOCFIELD® UHF RFID Antenna — Specifications



| | |
|-----------------------|---|
| Description: | Coaxial Traveling Wave Antenna |
| Antenna Length: | Depending on cable type, typically 0.5-5 m |
| Installation Options: | Free-form 2D or 3D antenna path |
| Impedance: | 50 Ω |
| Cable Diameter: | 2.8 mm (standard), other cables on demand |
| Read range: | \approx 1cm-1m, depending on tag, cable type/length, reader power |
| Power: | +33 dBm (2 W) |
| Gain: | \approx -7 dBi |
| Radiation Angle: | 360°, circular electromagnetic field along the antenna |
| Polarisation: | Linear, tags can be read in almost any orientation |
| Connector: | SMA(m/f) |
| VSWR: | < 1.8:1 |
| Frequency: | 866 MHz (EU), 920 MHz (US) |
| Operating Temp.: | -20°C – +65°C |

Industries: Manufacturing, Automotive, Aerospace, Retail, IT, Logistics, Healthcare

Typical Applications: Factory automation, track & trace, smart shelves, smart workbenches, access control, EAS, IT inventorying, smart cabinets, etc.