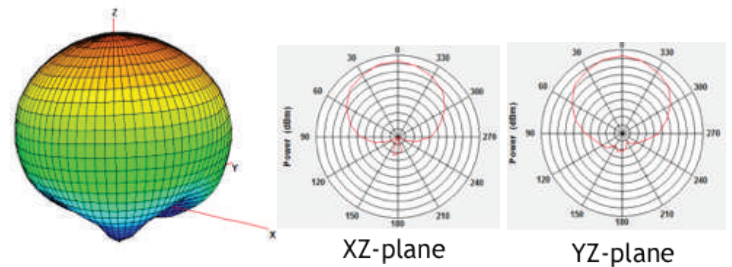




NFL/FFP UHF RFID Antenna

Our antenna series provide high performance in the Ultra High Frequency bandwidth for various RFID applications. We offer Near-Field and Far-Field antennas designed for various applications. Scannel's antennas are developed and fine-tuned by professional RF engineers to achieve great accuracy in all aspects of antenna performance.



*Note: Images above do not depict actual Antenna Pattern.

NFL - Near-Field Antenna

The NFL Antenna series is suitable for highly critical UHF RFID scanning applications such as Retail and Medical industries. Our NFL Antenna design is calibrated for high reading accuracy and prevent misreads. It is designed to operate in Global Frequency. The NFL Antenna series is available in two size options for easy installation and implementation of UHF RFID in your applications.

FFP - Far-Field Antenna

The FFP Antenna series is designed for long range UHF RFID applications such as Parking Management, Forklift Readers, Portal Readers, etc. The FFP Antenna series is also available in two size options and in US or EU Frequency respectively. The thin-profile design allows for easy and clean-looking installation. The FFP Antenna is your choice for your UHF RFID Long Distance needs.

Use FFP/NFL Antenna with our *RU224 UHF RFID Reader* for OPTIMUM Performance!



* All specifications are subject to change without prior notice.

*For custom requirements, please contact us thru the information below.

UHF RFID Antenna Series

NFL Series

The NFL Series is suitable for Near-Field applications such as POS Systems in Retail, Libraries, table-top solutions, or other applications with demand for close and accurate read range.

FFP Series

The FFP Series is designed for Long Range applications such as gates and portals for warehouse management, asset management, access control, logistics, etc.



NFL150

NFL300

FFP150

FFP300

Electrical Specs:

Frequency	865Mhz - 928Mhz	865Mhz - 928Mhz	865Mhz - 868Mhz 902Mhz - 928Mhz	865Mhz - 868Mhz 902Mhz - 928Mhz
Gain	-7.5dBi ±0.5	-5dBi ±0.5	3dBi ±0.5	7dBi ±0.5
Impedance	50Ω	50Ω	50Ω	50Ω
VSWR	2 : 1	2 : 1	2 : 1	2 : 1
Antenna Type	Directional	Directional	Directional	Directional
Polarization	LHCP	LHCP	LHCP	LHCP
Half Beamwidth	±50 degrees	±30 degrees	±50 degrees	±30 degrees

Mechanical Specs:

Dimension(mm)	195 x 165 x 25	360 x 290 x 25	195 x 165 x 25	360 x 290 x 25
Weight(kg)	0.35	1.20	0.35	1.20
Casing	ABS Plastic			
Connector	SMA-F			
Mounting	Screw Type			

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