

# Slim UHF RFID Antenna SF5

FLEXIRAY

## Applications

- Embedded, discreet and invisible RFID installations
- Smart racks, display cabinets and RFID smart shelves
- Desktop, point-of-sale (POS), and access control systems
- RFID portals and reading zones for entrances, gates, doors, and corridors
- Indoor access control, asset tracking, and retail applications



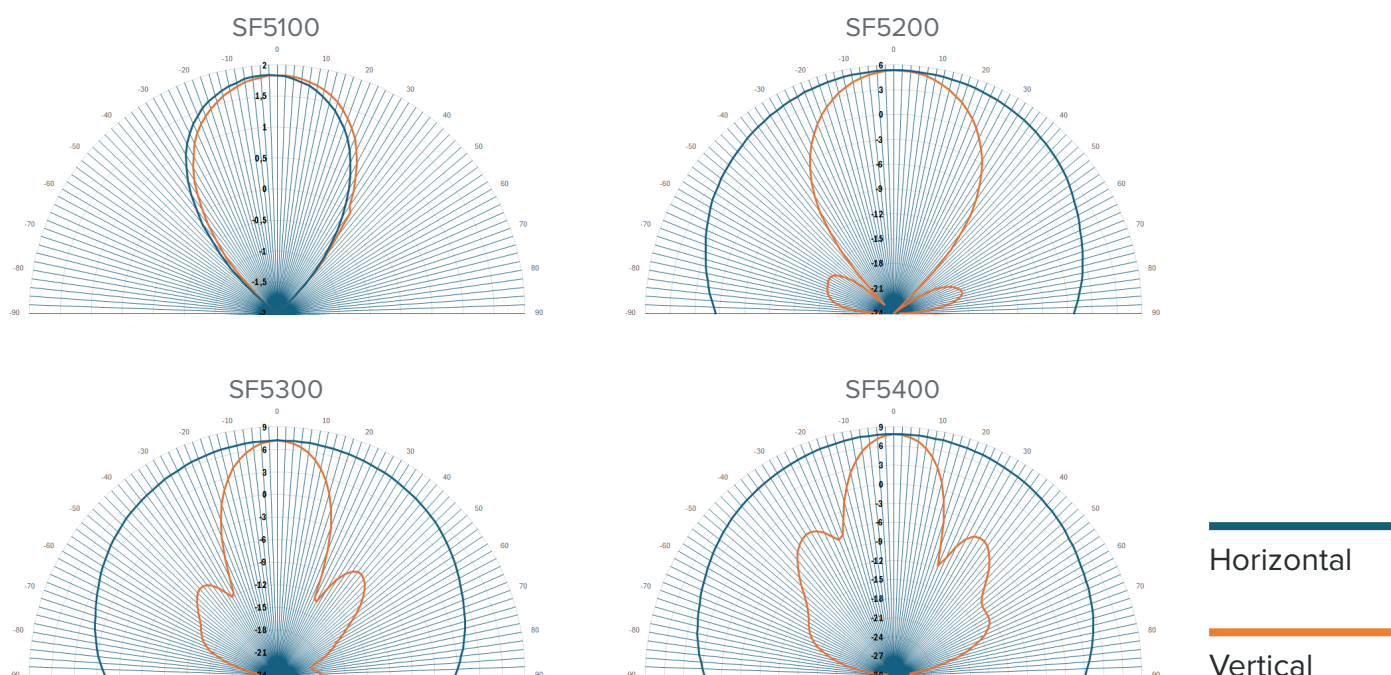
- 3 mm thin
- 4 different lengths – 110 / 500 / 780 / 996 mm
- No blind spots



# Technical Specification

Model	SF5100	SF5200	SF5300	SF5400
Frequency Range	866 - 868 MHz (ETSI), 912 - 922 MHz (FCC), ETSI Upper (915 - 921 MHz)			
Polarization	Circular RHCP			
Gain ETSI	2dBi / 5dBic	5,3dBi / 8,3dBic	7,1dBi / 10 dBic	7,8dBi / 10,8 dBic
Gain FCC	2,7 dBi / 5,7dBic	6,2dBi / 9,2dBic	7,1dBi / 10 dBic	7,8dBi / 10,8 dBic
Connector	SMA / Pigtail SMA			
Angles vertical / horizontal	90 ° / 90 °	35° / 103°	24 ° / 108°	19° / 103°
VSWR / Impedance	< 1.5 typical / 50 Ohm			
Operating Temp	0°C / + 60°C			
Height (w/o connector)	3 mm			
Length (mm)	110	500	780	996
Width (mm)	110	110	110	110
Weight (kg)	0,1	0,3	0,4	0,5

## Antenna radiation patterns



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