



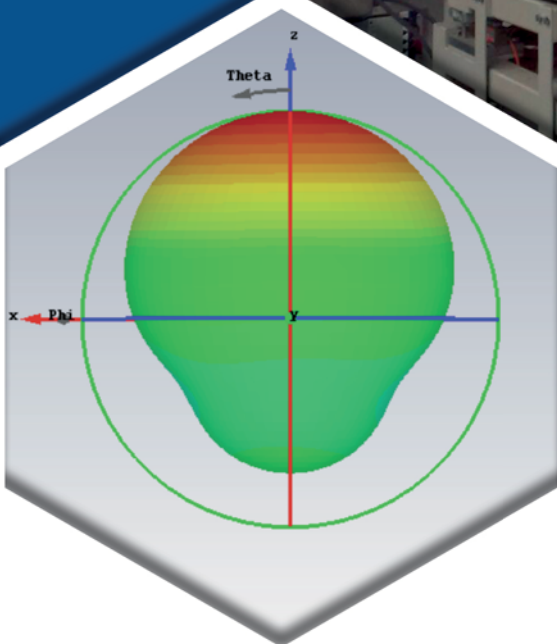
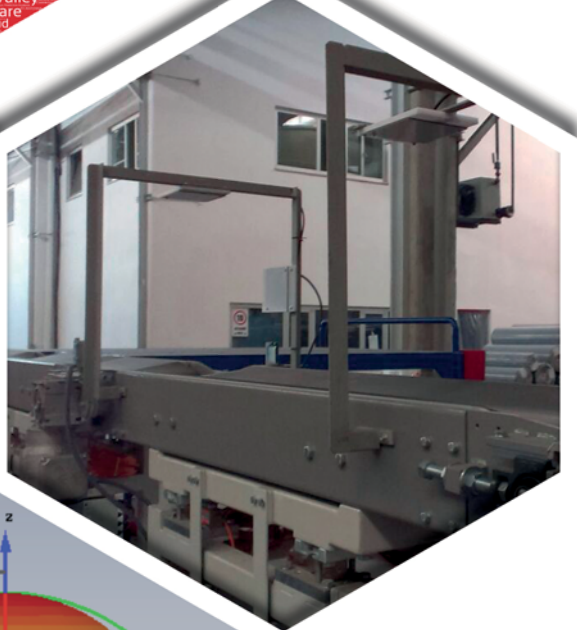
FEDERAL SMART RFID UHF ANTENNAS

F11 SPECIFICATION

Designed for Conveyor Applications

Operating Frequency EU Version	865 -868 MHz
Operating Detection Distance	Up to 2 m
Radiation Pattern	Wide beam in both directions in one hemisphere
Gain	1.45dBi(EU version)
Beam Width	95° / 95°
Polarization	Circular
Input Impedance	50 Ω
Connector	SMA or N-type Flange straight, flange right angle or edge mount
Temperature Range	-20°C to + 50°C
Size Excluding Connector	130 mm x 130 mm x 3.2 mm 5.11 inch x 5.11 inch x 0.13 inch
Size With Flange Connector	130 mm x 130 mm x 15 mm 5.11 inch x 5.11 inch x 0.6 inch
Size With N-Type Connector	130 mm x 130 mm x 25 mm 5.11 inch x 5.11 inch x 0.99 inch
Antenna Weight	115 g





USED

- **Very thin form factor
(15 mm with flange connector)**
- **Good performance.**
- **Cost effective.**



HeadQuarter, Silicon Valley
940 Stewart Drive #377
Sunnyvale, CA 94085 USA
+1 (408) 215 15 20

**Development Office, Deposite
Ataturk Blv. A1 Blok, 1B-14
Ikitelli, Istanbul 34490 Turkey
+90 (212) 549 43 77**

www.federalsmart.us

 / [federalismart](https://www.federalismart.com)

