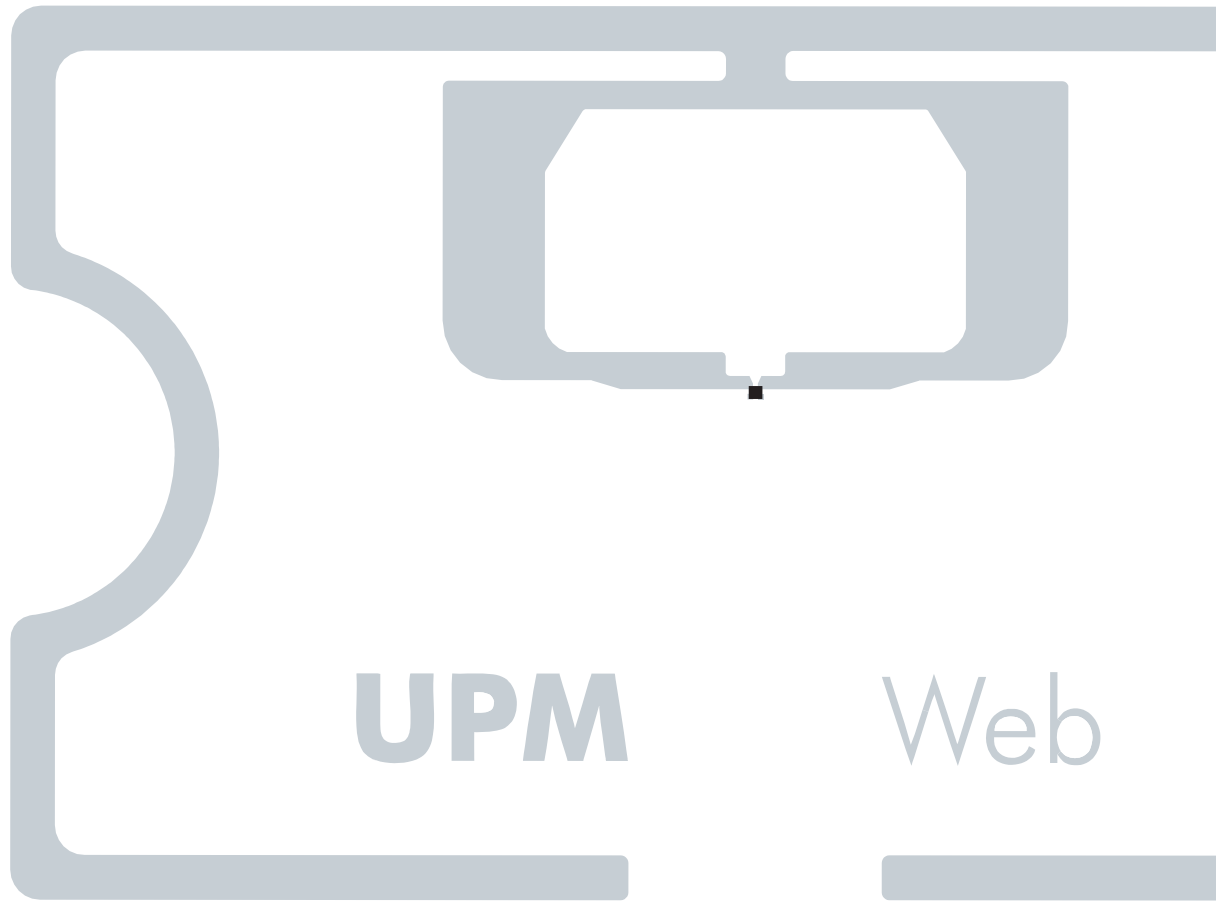


WE LEAD.
WE LEARN.



UPM Raflatac Web^x

Protocol

EPC Class 1 Gen 2

Operating frequency

Global 860–960 MHz

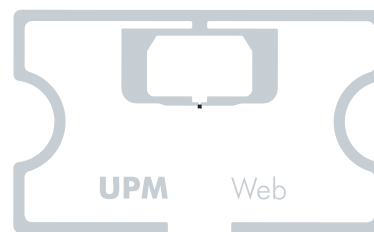
Antenna size

30 x 50 mm /
1.1 x 2.0 inch

Web^x key features

- The industry approved global Web^x is a perfect match for apparel and footwear item-level applications.
- Orientation insensitive, excellent close coupling performance.
- Optimized read distance for the whole supply chain and point-of-sale (POS).
- Low energy consumption, ideal for handheld readers.
- User memory size up to 512 bit.
- 64 bit tag identifier (TID) including 32 bit unique serial number.

UPM Raflatac Web^x

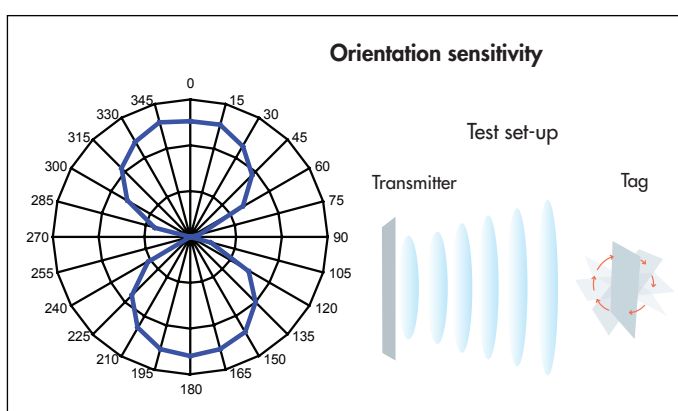
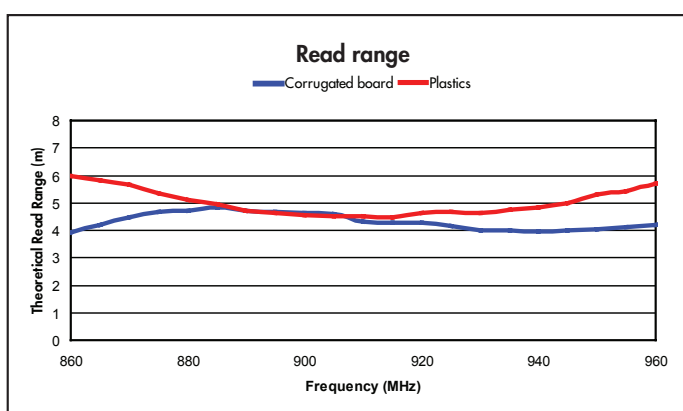


Antenna dimensions	
Antenna size	30 x 50 mm / 1.12 x 1.97 inch
Die-cut size	34 x 54 mm / 1.34 x 2.13 inch
Web width	40 mm / 1.57 inch

Electrical specifications	
Integrated circuit (IC)	EPC Class 1 Gen 2 compliant
EPC memory	up to 240 bit
Operating frequency	860–960 MHz

Delivery formats	
Available formats	Dry, wet, tag
Adhesive – temperature	Solvent-free permanent adhesive min. -10 °C to 120 °C min. -14 °F to 248 °F
Quality	100% performance tested

All the graphs are indicative: performance in real life applications may vary. The data has been determined based on calculations for transmitters with a 2W ERP output power level.



UPM Raflatac uses three different test methods to evaluate the reliability of the RFID inlay and tag products it produces. Products are tested according to IEC 60068-2-67 (temperature and humidity), JESD22-A104-B (temperature cycling) and an in-house developed bending test.

Disclaimer

UPM Raflatac reserves the right to change its products and services at any time without notice. Our recommendations are based on our latest knowledge and experience. As our products are used in circumstances beyond our control, we cannot be held liable for any damage caused through their use.

