

Certificate of Conformity

RAIN UHF Transponder with PE Foam Spacer

Manufacturer:

race result AG
Joseph-von-Fraunhofer-Str. 11
76327 Pfinztal, Germany

Product Description:

Self-adhesive RAIN (UHF) Transponder consisting of a passive UHF inlay mounted on a 1.5 mm closed-cell polyethylene (PE) foam spacer. The transponder is supplied with a pressure-sensitive adhesive layer on the reverse side for attachment to non-metallic surfaces. The PE foam spacer ensures a defined distance between the antenna and the human body when the transponder is applied to skin or clothing. This spacing minimizes detuning effects caused by body moisture or sweat, as UHF signals are strongly attenuated by water-containing materials.

Product Type:	RAIN UHF Transponder with PE Foam Spacer, self-adhesive
Model / Reference:	RR-UHF-PE15
Inlay Type:	NXP UCODE 8
Frequency Range:	860–960 MHz
Spacer:	Closed-cell PE foam, 1.5 mm thickness
Adhesive:	Pressure-sensitive acrylic adhesive
Liner:	PET film liner


Declaration of Conformity:

We hereby declare under our sole responsibility that the above-mentioned product conforms to the following directives and standards:

- 2014/53/EU – Radio Equipment Directive (RED)
- 2011/65/EU – RoHS Directive, including amendment (EU) 2015/863
- (EC) No 1907/2006 – REACH Regulation
- EN 302 208 – RFID equipment operating in the 860–960 MHz band
- EN 301 489-3 – EMC standard for radio equipment

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Authorized Representative:


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