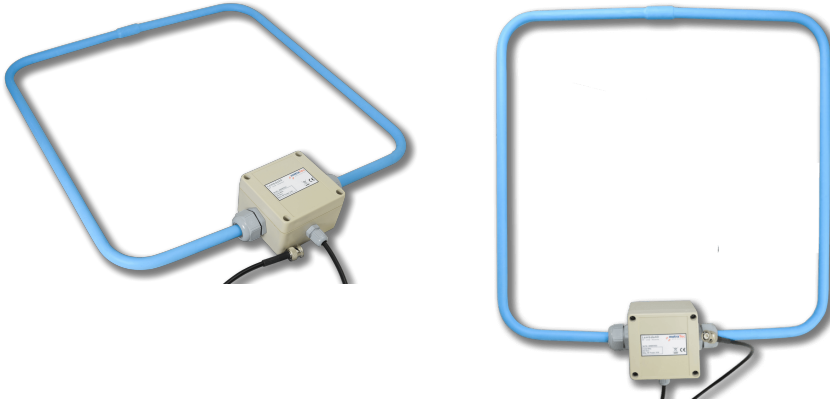


Lambda40 HF Loop Antenna

Art. no. :
22000088



- IP65 Housing
- read range up to 600 mm



Lambda40 HF Loop Antenna

The metraTec Lambda40 is an RFID antenna for HF systems with an operating frequency of 13.56 MHz. With its size of 400 x 400 mm, it can handle an RF output of up to 4 W permitting reading ranges of up to 600 mm (approx. 2 ft) with a suitable reader. Its robust metal structure and the water-proof IP65 housing make it well-suited for rough industrial environments like factory floors, laundries, or shipping departments.

The antenna works with many long-range readers on the market and has been tested with models from several manufacturers. In addition to the standard size, custom-sized versions in almost any size are possible. Limits are only set by the power of the RFID reader as well as local regulations regarding field strength. Please contact our sales team for any questions on this issue.

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Technical Specification

Operating Principle	HF RFID Loop Antenna
Operating Frequency	13.56 MHz (worldwide)
Read Range	up to 600 mm
Antenna Connector	BNC
Impedance	50 Ohm
Temperature Range	-40 °C to +85 °C
Ingress Protection	IP65
Dimensions	400 x 400 mm (plus connector box and 1m cable)

About Metraterc

Metraterc develops, produces and sells Radio electronics for the areas of "Identification", "Localization", and "Communication" and thus serves a variety of markets with standard products as well special solutions. Customers include OEM customers, system integrators and research facilities worldwide.

