metraTec® AT-32080 HF Antenna

Industrial RFID applications require especially high quality from the components used. This not only includes the read/write performance of the system but also robustness of the solution as well as compatiblity of the components.

The AT-32080 from metraTec set a new standard for industrial RFID antennas. With its water and dust proof housing made from glass fiber reinforced plastic (Polyamide with 30% glass fibers) you can use this antenna in even the harshest environments. With the right reader a read range of 10cm is no problem. The antenna can even be used in applications with up to 125°C operating temperature.

Thanks to itsstandard connectors the antenna can be used with any HF RFID reader/writer on the market. This gives you a high security of your investment.

Applications

- Installation at conveyor belts for decentral production control
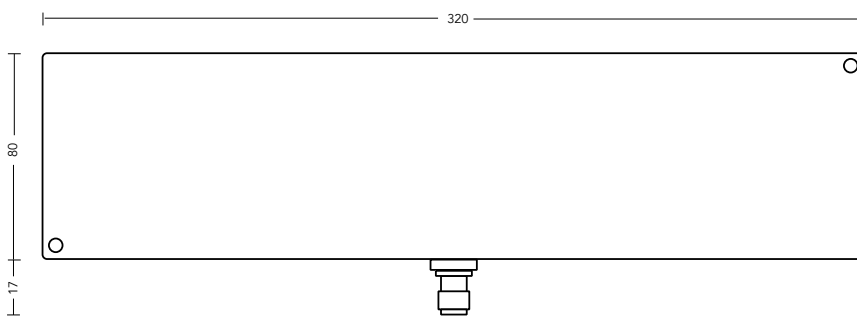- Applications inside machines to detect consumables and other exchangeable components

Further Components

metraTec offers a comprehensive set of RFID products that enables its customers to set up RFID systems whose components work together seamlessly. The AT-32080 can be combined with our QuasarMX or QuasarLR industrial readers for highest read performance.

Technical Specification

Working Principle	HF RFID industrial antenna
Operating Frequency	13.56 MHz
Material	Polyamide with 30% glass fibers
Read Range	up to 100mm
Antenna Connector	R-TNC
Dimensions	LxWxH: 320 x 80 x 30mm
Operating Temperature	-40°C - 125°C
Protection	IP65 (water and dust proof)
Weight	approx. 400g
Conformity	conforms with R&TTE directive (CE)

At a Glance

- Industry Grade Housing
- Compatibel with standard connector
- Extended Temperature Range

About metraTec

metraTec develops, manufactures and sells RF hardware for the product segments „Identification", „Localization", "Communication" and „Wireless Power". It serves a variety of industries, both with standard products as well as custom solutions. Our customers are system integrators, OEM customers as well as research institutes world wide.

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