

DESCRIPTION:

DSPL Library Staff Station (DS-MSSHF) is designed as a very flat and external antenna for contactless data exchange with common HF transponders. It is attractive with its outstanding performance and the modern design.

With these features the antenna is suitable for desktop applications in offices and libraries to trace files or documents and to detect lendable items at the check-out or return point. The read range with single transponders could reach more than 30 cm.

Due to its integrated shielding transponders will be detected only inside the antenna area and interferences between several antennas will be minimized. Additionally, the installation on metallic or conductive surfaces has no influence on the antenna. Therefore, the library staff station could be used in normally unsuitable environments.

The antenna library staff station includes a coaxial cable to connect it directly to a reader. To indicate different conditions, the blue LED could be powered by a DC voltage on the reader's antenna output.

LIBRARY STAFF STATION



FEATURES:

- More than 30cm Read Range.
- No tag reading outside of the antenna area.
- Optical feedback via LED.
- No detuning of the antenna when installing on metal or rather conductive material.
- Available as an external antenna or with an integrated reader.

TECHNICAL SPECIFICATIONS:

Technology / Frequency	HF RFID / 13.56MHz
Protocol	ISO 15693
Dimensions (W x H x D)	376 mm x 276 mm x 27 mm
Housing	Acrylic glass
Colour	Transparent; black
Antenna connection	RG58 coaxial cable with SMA connector (50 Ω); approx. 2,3m long (90.5 inch)
Indicator, optical	1 LED (blue; switchable via DC voltage at the antenna output of the reader)
Interfaces	USB
Supply voltage	12...24 V DC
Operating Temperature	-25 °C up to 55 °C
Adhesive	Yes
Read Range	Up to 30cm (Approx.)
Weight	approx. 2 kg

PRODUCT USE IN THE SECTORS

