



SHIELDLAM

High on robustness and convenience

SHIELDLAM is a PVC-based product with integrated shielding material that demonstrates high performance. It allows the convenience of contactless data transmission in the presence of metal and other materials that normally interfere with RFID reception, such as mobile phone batteries and metallic housings.

Attachable to phones and a broad range of further everyday items, the product is suited for applications such as access control, contactless payment, and automated fare collection. In addition, it can be customized and is available in various form factors. This makes it a flexible, convenient and secure solution.

Linxens SHIELDLAM is made from PVC material. It is manufactured with the company's proprietary patented wire embedding technology, to fulfill the highest requirements in terms of reliability, durability and mechanical robustness.

Dimensions	Operating Temperature	Available ICs
From 3 x 6 up Max. 580 x 705 mm	-25°C to +50°C	Infineon NXP Sony

Other chip types are available upon request.

RFID

Overview

Operating Frequency
 • 13.56 MHz

Operating Temperature
 • -25°C to +50°C

Material
 • PVC

International Standards
 • ISO 14443

Application Area
 • Access Control
 • Transport
 • Contactless Payment

Options
 • Initialization / customized programming of data