UHF RFID / INDUSTRIAL LAUNDRY

LHB-D18-S

Hard button laundry tag 18 mm dia.



Actual catalogue photograph; not to scale.

Check before ordering

18 mm PPS button for sewing. Check button clearance, stitch pattern and the actual read zone on the intended item.

FCC and ETSI are listed variants. The China variant names no frequency band. Confirm the destination band and available chip before ordering.

Request samples

Identity

Model code	**LHB-D18-S**
Body material	**PPS**
Color	**black**
Mounting	**Sewn with thread**

Dimensions and weight

Diameter and height	**18 mm diameter, 2.8 mm high**
Weight	**about 2 g**

This TagBrio site summary compiles the public product page. It is not the supplier's original datasheet or an independent test report.

Public product page

https://www.tagbrio.com/rfid-tags/laundry/hard-button/hard-button-laundry-rfid-tag-d18mm/

Request a quote **WhatsApp**

LHB-D18-S / Public specifications

Radio

Chip options	**NXP UCODE 7, NXP UCODE 7m**
Frequency, FCC (US)	**902 to 928 MHz**
Frequency, ETSI (EU, UK)	**865 to 868 MHz**
Frequency, China	**Band not stated**
Memory	**EPC 128 bit**
Read and write	**EPC memory**
Air interface	**EPC Class 1 Gen 2; ISO 18000-6C**
Polarization	**Linear**
Power source	**Passive, no battery**
Read distance, up to	**0.4 m** Supplier-stated Fixed reader, Alien 9900, EIRP 4 W, surface not stated
Read distance, up to	**0.1 m** Supplier-stated Handheld reader, Alien 9011, surface not stated
Data retention	**20 years** Supplier-stated

Environment and durability

Storage temperature	**-40 to +120 °C** Supplier-stated
Operating temperature	**-25 to +110 °C** Supplier-stated
Wash cycles	**200 cycles** Supplier-stated Or 24 months from the shipping date, whichever comes first

Packaging and supply

Packaging	**antistatic bag, carton**
Supply format	**Single pieces**

Conditions behind the figures

One memory row is listed for multiple chip options. Confirm the selected chip and read a sample before relying on its memory figure; user memory is not stated.

Reader power is not stated for the handheld read distance. The surface is not stated for either distance. Keep each stated distance with its own reader and power basis.

Confirm attachment, reader settings, wash chemistry and the complete wash process on samples before rollout. Published read distances are conditional, not a site guarantee.

Request samples **Request a quote**