

PRODUCT DATASHEET

GLOBAL TAG CABLY



Global Tag **CABLY** has been developed for indoor and outdoor applications where the main need is to have a good performance and a very easy installation way. Waterproof, with a very long wrapper, it is available in HF, NFC and UHF frequencies.

CABLY can be mounted on all surface (also metal).

Different customizations are available, such as: color, EPC/memory encoding, serial number engraving and further options on demand.



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 320x24x8mm (including wrapper length 285mm) / 12,59x1,97x0,54 in (including wrapper length 11,22 in)



Mounting System: Wrapper mono-use system

Weight: 12gr.

Material: High Quality ABS and PE Material

Color: Generally dark grey – Available optionally any other colors

Class Protection: IP68 (Totally protected against ingress of solid / Protected against long period of immersion)

Storage Temperature: -55°C (for 3h) to +100°C (for 2h) / -67°F (for 3h) to +230°F (for 2h) (for any other particular request contact us)

Operating Temperature: -25°C to +85°C / -13°F to +185°F

Weather Ability: Very Good, including UV resistance and sea water

Delivery format: Singulated

Expected lifetime: Years in normal operating conditions

Chemical resistance:

No physical or performance changes in (tested up to, more hours can be):

- 200 hours Motor oil immersion
- 200 hours Salt water (salinity 10%) exposure
- 200 hours H₂SO₄ Sulfuric acid (10% pH 2) exposure
- 24 hours NaOH Caustic Soda (10%, PH 13) exposure
- 24 hours HCl Muriatic Acid (10%) exposure
- 24 hours Na₂CO₃ Soda Solvay
- 200 hours NH₃ Ammoniac (5% to 25%)

Values in the table are the best recommendations; resistance against environmental conditions depends on the combinations of all influencing factors, exposure duration and chemical concentrations. Thus, product's final suitability for certain environmental conditions is recommended to be tested. We are available for other information.



CHIP SPECIFICATION AVAILABLE

	HF 13,56MHz	UHF 860-960MHz
Device type	N.D.	Class 1 Gen 2
Air interface protocol	ISO14443 and ISO15693 and NFC	ISO18000-63
IC Type Available	I-Code SLIX, I-Code SLIS, Mifare Ultralight, Mifare Classic 1K, Mifare Classic 4K, Mifare Plus X 4K, Mifare Desfire 4K, STM LRI2k, Ntag203, other on-request	Alien Higgs3, Alien Higgs 4, other on-request
Size Inlay	It depends on IC chip chosen	38x17mm
Read Range	From 2 to 150cm (150cm can be in High Performance SLIX solution)	Up to 3/4meters

CUSTOMIZATION OPTIONS

Printing laser engraving: Serial UID, serial progressive number from database, randomize number from database text and Barcode or QRCode. Other customization on required.

Silk Printing : 4-colors printing logo

Pre-Encoding: Customer specific encoding of EPC or User Memory (also from Database). Locking permanently or with password. Insert into Database TID code.

INSTALLATION MODE

Squeeze the wrapper around the object and cut off the surplus.

APPLICATION NOTE

Asset management: **CABLY** can be used to track and manage corporate asset even when they are outdoors or in harsh conditions. Thanks to the long wrappe, it can be easily applied also on big objects without possibility to remove it.

Waste bin management: **CABLY** can be applied on waste bins both plastic or metallic material; this Qu-id help to simplify project and help to have only one tag for all type of waste bins.

Maintenance: **CABLY** is a strong tag designed to improve maintenance services with easy installation on all surface.

Cables Tracking: **CABLY**, with its cable-tie form, is a great solution for the tracking of cables and optical fibers

ORDER INFORMATION

Standard product is made with Alien Higgs3 chip

PRODUCT CODE: GT-CBLY-XX (xx defined type of chip required)

For printing options or for produce transponder with different color or with other type of customization... contact us for more information:

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