

**PRODUCT DATASHEET**

**GLOBAL TAG ONE-TIME-USE CABLY**



Global Tag **CABLY** is the RFID/NFC cable tie tag, which has been designed for indoor and outdoor applications.

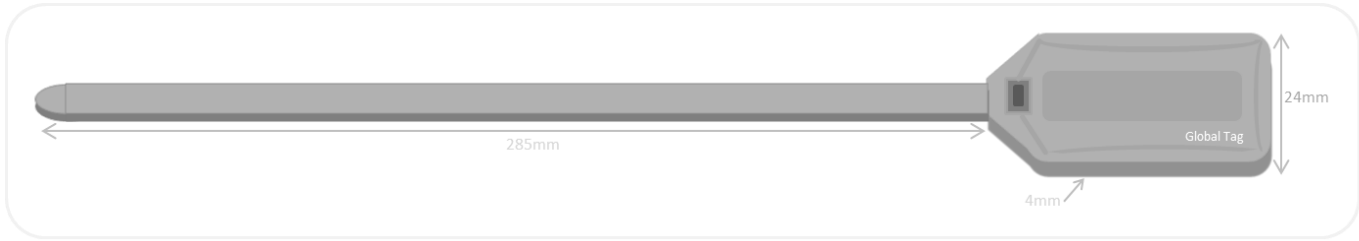
The easy mounting way makes **CABLY** the first choice in several projects, such as tracking and identification of products in the areas of resource management, electrical inspection, inventory, distribution and rental services as well as for easy management of maintenance and repair routines.

**Cably** can be customized with serial number laser engraving and memory/EPC encoding.



**MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS**

**Dimensions: LF, HF/NFC/UHF Version** 340x24x4mm (including wrapper length 285m )/13,39x0,94x0,16 in (including tail length 11,22 in )



**Dimensions: UHF only Version:** 375x28mm (including 285mm tail length) / thickness 4mm

**Mounting System:** Cable-tie

**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:** -30°C to + 100°C / -22°F to +212°F

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

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

**Delivery format:** Individual

**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 H<sub>2</sub>SO<sub>4</sub> Sulfuric acid (10% pH 2) exposure
- 24 hours NaOH Caustic Soda (10%, PH 13) exposure
- 24 hours HCl Muriatic Acid (10%) exposure
- 24 hours Na<sub>2</sub>CO<sub>3</sub> Soda Solvay
- 200 hours NH<sub>3</sub> 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.



## AVAILABLE CHIP SPECIFICATION

	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, others on-request	Alien Higgs3, Alien Higgs 4, NXP U-Code8, NXP U-Code9 others on-request
Size Inlay	It depends on selected IC chip	38x17mm
Read Range	From 2 to 50cm	Up to 4meters

## CUSTOMIZATION OPTIONS

**Laser engraving:** Serial UID, serial progressive number from database, randomize number from database text and Barcode or QRCode. Other customizations on request.

**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

Wrap the tag like a cable tie and cut off the leftover part

## 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 tail, it can be easily applied also on big objects without possibility to be removed.

**Waste bin management:** **CABLY** can be mounted 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:

**Global Tag Srl** – Via Zanardelli 13/A, 25062 Concesio (BS) - Italy

P +39 030 2005259

S global-tag

W [www.global-tag.com](http://www.global-tag.com)

M [sales@global-tag.com](mailto:sales@global-tag.com)



## **DISCLAIMER**

The information in this document is subject to change without notice. Global Tag assumes no responsibility for any errors that may appear in this document. Application recommendations are guidelines only - actual results may vary and should be confirmed. This is a general purpose product not designed or intended for any specific application. Global Tag Srl or its subsidiaries are not responsible for the performance or support of third party products and does not make any representations or warranties whatsoever regarding quality, reliability, functionality, or compatibility of these devices or products.

© Copyright 2024 - Global Tag Srl