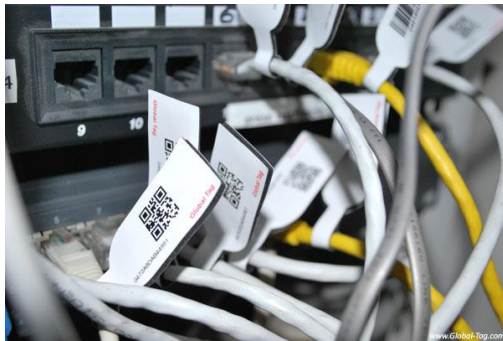


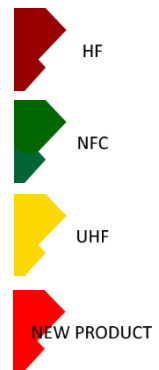
PRODUCT DATASHEET

GLOBAL TAG **FIBERY**



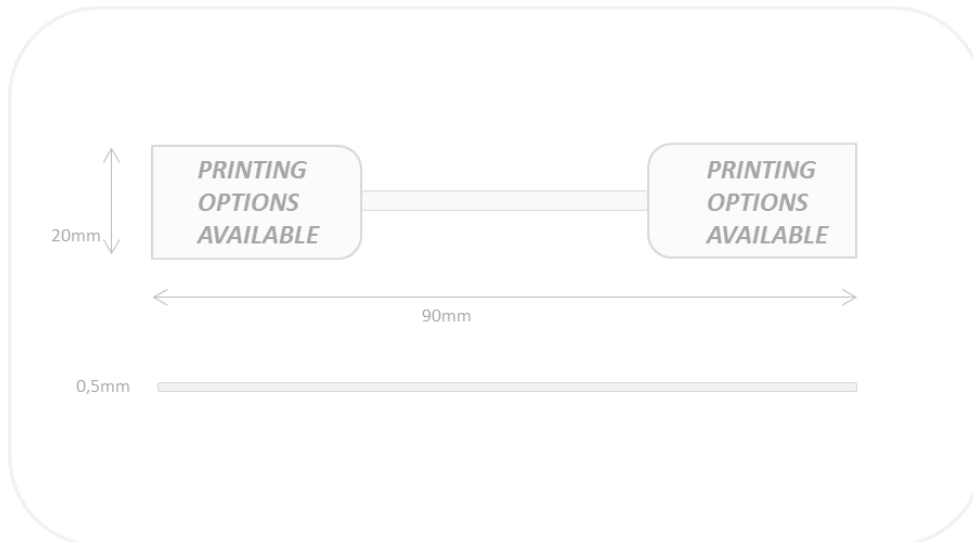
Global Tag **FIBERY** is new transponder special designed for traceability, maintenance and control of optical fiber cable and more in general all type of electrical or electronical cable. Available in HF, NFC or UHF frequency can be attached on fiber cable and thanks to a little foam surface guarantee very good protection.

FIBERY can be supplied also with many different customization as QRCode or Barcode Printing, logo or progressive number. Can be also delivered in singulated format or in reel.



MECHANICAL AND ENVIRONMENTAL SPECIFICATIONS

Dimensions: 115x20x0,5mm (open mode) - 55x20x1mm (close mode)



Mounting System: Adhesive 3M 467 (other type of adhesive on request)

Weight: 0,5gr.

Material: PET Glossy (for Label) – Foam with 3M 467 adhesive (for support layer) # Available also PET Matt surface (for Label) or without PET layer

Color: White label and Black foam

Class Protection: IP65 (Limited protection against dust ingress. (no harmful deposit), / Protection from splashed water)

Storage Temperature: -10°C to +50°C / -40°F to +176°F

Operating Temperature: -10°C to +50°C / -13°F to 149°F

Weather Ability: Very Good,

Delivery format: Singulated or in reel (optional)

Expected lifetime: Some years in normal operating conditions

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, Mifare Ultralight, Mifare Classic 1K, Ntag213, Ntag216, other on-request	Alien Higgs3, Monza 5, other on-request
Size Inlay	30x15mm	18x36mm
Read Range	From 2 to 15cm	Up to 1meters

CUSTOMIZATION OPTIONS

Silk Printing: Serial UID, serial progressive number from database, randomize number from database text and Barcode or QRCode. Other customization on required. 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. On NTag21x chip (NFC) encoding memory (mailto, URI or other information) from database.

INSTALLATION MODE

With 3M 467MP Adhesive model: when mounting the tag with adhesive background, clean and dry the surface for obtaining maximum bond strength.

For more information about adhesive check at this link: <http://multimedia.3m.com/mws/media/1040640/high-performance-adhesive-transfer-tapes-with-3m-adhesive-200mp.pdf>

APPLICATION NOTE

Optical Fiber Maintenance and control
Cable Tracking and checking

ORDER INFORMATION

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

For other information or customized request:

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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.

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