

Advantages

- easy to install LOCFIELD® UHF RFID antenna
- generating a localized UHF RFID reading zone
- well known bumper look and feel
- easily create your custom
 - gate
 - smart shelf
 - smart cabinet
 - smart conveyor system

Description

Ready and easy to install soft bumper with an embedded LOCFIELD® antenna. Equip your doorways, shelves, conveyor systems,... with the Easy-LOCFIELD® Bumper to detect and communicate with all items which are equipped with standard UHF RFID transponders. The Easy-LOCFIELD® Bumper is an UHF RFID antenna which can be used with any UHF RFID reader.

For permanent installation we recommend to use ordinary glue suitable for soft PVC. You can install the Easy-LOCFIELD® Bumper directly on any material like concrete, steel, wood or plastic.



Part Numbers

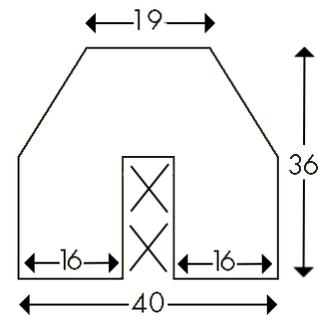
Easy-LOCFIELD® Bumper (EU) 110300101000150

Easy-LOCFIELD® Bumper (US) 110310101000150



Technical Characteristics

Description:	UHF RFID traveling wave antenna
Impedance:	50 Ω
Frequency range:	865 – 868 MHz (EU version) 902 – 928 MHz (US version)
Read range:	up to 1.5 m (depending on transponder, reader and reader power)
Gain:	-7 dBi
Polarization:	Arbitrary depending on the exact installation situation – roughly linear (around the bumper)
Connector:	SMA male
Operating Temperature:	-20 °C to +65 °C
Color:	Bumper is black and yellow
Fire test:	Bumper itself is tested according to DIN EN 13501-1 / Class E
Dimensions:	Bumper length: 1000 mm Total length: 1570 mm +/- 40 mm



Do's And Don'ts

Do's:

- Install the Easy-LOCFIELD® Bumper directly on any kind of material

Don'ts

- Do not fill up the slit in the middle of the rear side of the Bumper with any kind of material
- For good performance do not install the Easy-LOCFIELD® Bumper into a cavity
- Do not drill any holes into the Bumper or use screws or rivets for the fixation
- Do not use the coax cable as a kind of handle to carry the Easy-LOCFIELD® Bumper