



**SOLUTIONS FOR PUBLIC SECURITY**



## ROBOFLEX SOLUTIONS IN PUBLIC SECURITY

We serve companies responsible for creating platforms for embedded technology, which are designed to optimize operational processes linked to public safety activities at the municipal, state and federal levels. Thus, the solution developed for this sector is capable of promoting productivity and connectivity in favor of public safety.

We deploy equipment that aims to integrate resources to facilitate adaptations in safety vehicles, avoiding unnecessary changes through an ecosystem of plug and play products. Thus, our products enable adaptations and transformations capable of reducing your acquisition cost and shortening the time in the delivery of vehicles.

We are specialists in generating connectivity between hardware and sensors through the use of technology, allowing the use of OCR's that communicate with the embedded tablet, as well as the use of radios and PTT in a single ecosystem. In this way, we avoid excessive purchases of accessories and promote ease of handling combined with durability to the end user.

We develop robust hardware solutions that ensure device protection and allow installation on any surface. In addition, our products have adaptability in the operations center, ensuring dynamism, usability and productivity.



Optimize the operational processes of the military police and municipal guards using our responsive ecosystem by working with products with standards (MIL-STD 810G fall, impact and vibration) and degree of protection up to IP65.



Use our equipment for deployment in vehicles, promoting the use of systems such as emergency response and dispatch.



Transform the tablet into an on-board computer for society service using embedded operational tools, increasing productivity and usability.



Have connectivity through seamless communication between sensors, telemetry modules and dedicated electronic equipment such as radios and OCR cameras.



Reduce vehicle adaptation time with the plug and play product ecosystem.



Over 50 million in estimated cost savings from our customers



More than 500 clients served



Over 500,000 solutions deployed



National product



Boosting operational life  
Manufactured with high quality materials and advanced technology,  
Roboflex products increase the operational life of equipment.

# BUILD YOUR SOLUTION

Customize a solution specific to your operation.



### 1 Cases



#### No fixing

Case without base for rear attachment, ideal for greater mobility in field operations.



#### Screwed

Ideal for operations where the equipment will be fixed and will not need to be removed from site.



#### Magnetic

Ideal for operations where equipment needs to be removed from site, during or at the end of the operation.

### 2 Base to attach to case



#### Screwed



#### Magnetic Base

### 3 Arms



#### Short arm



#### Long arm

### 4 Bases for fixing to the surface



#### Screwed



#### Tubular



#### Adhesive



#### Suction cup base

### 5 Device charging and/or data transfer



#### Cable



#### Magnetic



#### IP54 car charger



#### IP65 car charger

## POSSIBLE INSTALLATION SITES



- 1 Install your device on windshields with Roboflex® adhesive bases or suction cups.
- 2 Use the Roboflex® adhesive or screw bases to install your device on panels that allow drilling.
- 3 Use the Roboflex® adhesive or screw bases to install your device on surfaces that allow drilling.

## POSSIBLE INSTALLATION SITES

1



Case  
Magnetic plug size C  
Code: PLG10007  
Suction cup base size C  
Code: BSE10055  
Long arm size C  
Code: BRC10010

2



Mobile case  
Adhesive base size C  
Code: BSE10046  
Long arm size C  
Code: BRC10010

3



Case  
Screwed base size C  
Code:  
Long arm size C  
Code: BRC10010

## DESIGN ROBOFLEX®

Roboflex® cases are designed for operations in extreme environments. We use full coupling, fully protecting all sides of the tablet. All lines comply with degrees of protection and resistance to drops, impact and vibration.



High strength material



Product with responsive design



Protection against bad weather



Long life product



### ROBOFLEX® STANDARD



Robust ecosystem through mechanical and electrical connections and safety



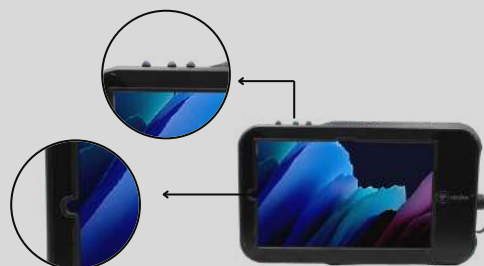
Offers all-case charging capability even in extreme environments



Includes protective film ensuring maximum preservation of screen integrity, protecting against scratches, smudges and other possible damage

Availability of all\* device features, such as access to buttons and cameras

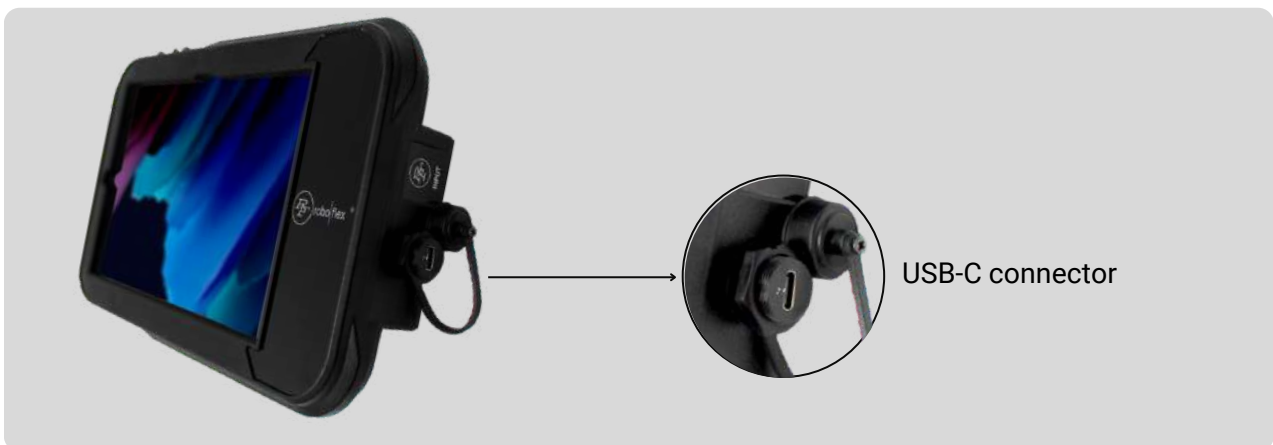
\*Except access to memory card and telephony chip





## ROBOFLEX® RESOURCES

One of the features offered by Roboflex® is the customization of the connectors, thus enabling the tablet to connect to the most varied equipment. These connectors can be used for charging and/or data transfer.



## ROBOFLEX® RESOURCES



Anti-theft system



Charging + Data



Industrial connection  
More strength and safety  
than standard connectors

The technologies used in Roboflex® solutions offer compatibility for the use of sensors, industrial signal reading, amplifier boxes and device cooling, all integrated in an ecosystem of hubs, adapters and other peripherals.

## DIFERENCIAIS



Ventilation

Possibility of including a ventilation system for equipment that will be under constant exposure to the sun or exposed to high temperatures, thus ensuring better operation and increasing the life of the device



Audio output

Connection to audio devices such as headphones and speakers via P2 input



Signal converters USB-C  
technology

Roboflex® signal converters are compatible with various devices such as I/O, ethernet, CAN, RS232, USB, P2 and others, helping to maintain the connectivity of the operation.



HUB

Roboflex® HUBs offer port expansion and a variety of connections for other devices, being able to add USB ports, industrial and vehicular communication protocols.



## MOBILITY

Allows the addition of handles for use of the case in the field. **Compatible with all cases.**



Handstrap



Handle strap



Shoulder strap

## USABILITY

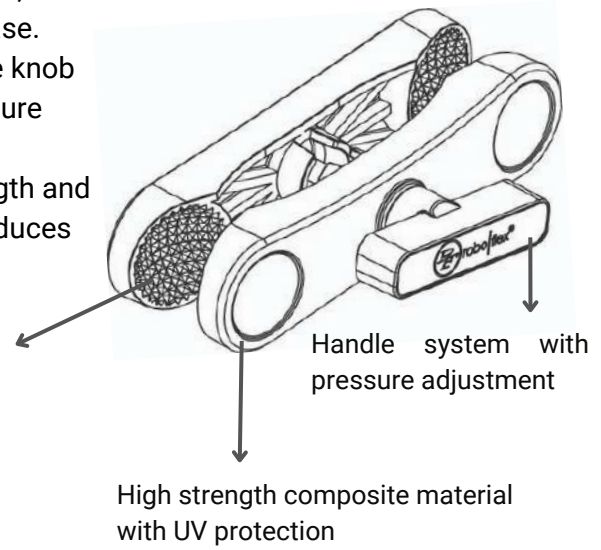
Possibility to add tablet pen holder.  
**Check compatibility with our products**



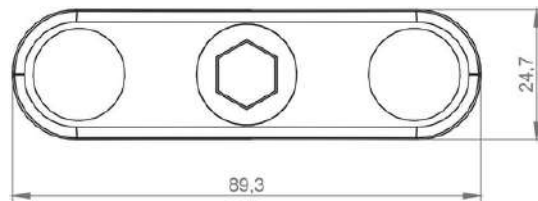
Pen holder

# ARM

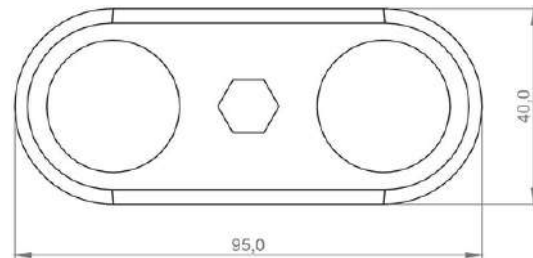
The Roboflex® arms feature the diamond grip system, responsible for promoting maximum grip with the base. In addition to this technology, the arms also have the knob adjustment system, suitable for calibrating the pressure between the components of the product. . The arms are made of a material that has high strength and UV protection, which prolongs the service life and reduces the weight of the product.



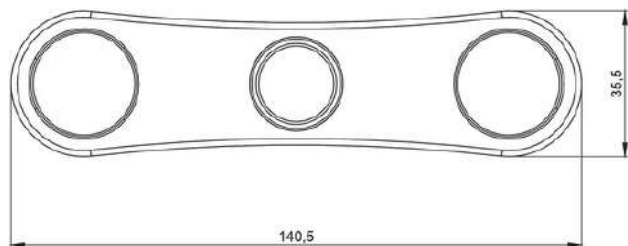
Short arm  
Size B (1")  
Code: BRC040003  
Weight: 80g



Short arm  
Size C (1.5")  
Code: BRC040004  
Weight: 140g

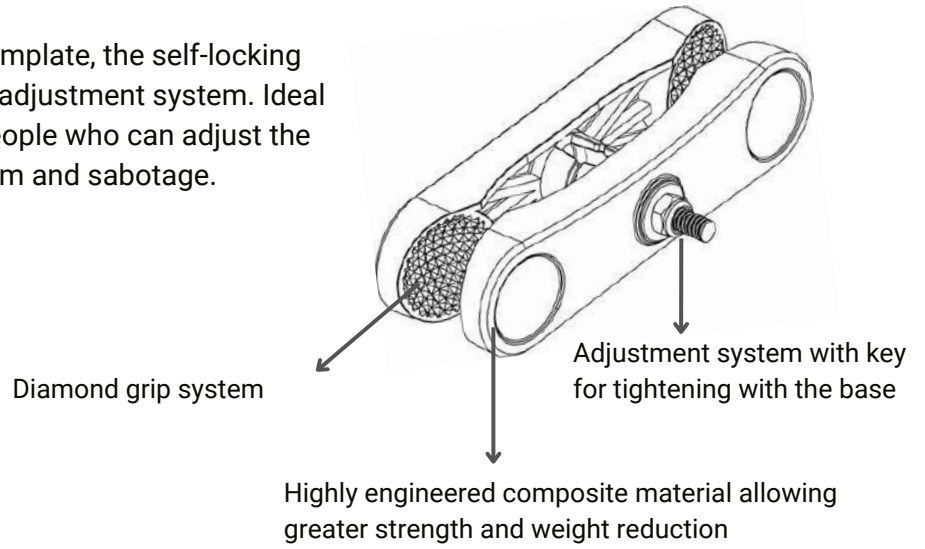


Long arm  
Size C (1.5")  
Code: BRC040002  
Weight: 160g

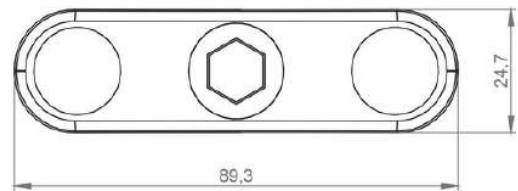


# SELF-LOCKING ARM

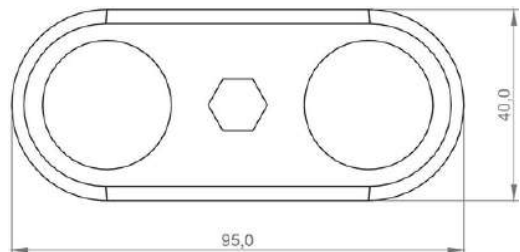
Different from the traditional template, the self-locking model has a key-operated arm adjustment system. Ideal for restricting the number of people who can adjust the part and prevent theft, vandalism and sabotage.



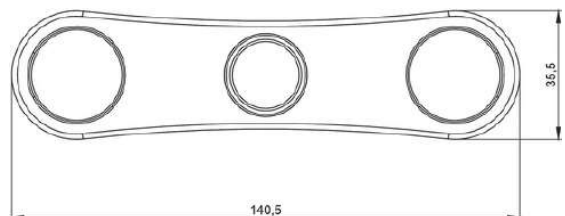
Short self-locking arm  
Size B (1")  
Code: BRC040006  
Weight: 60g



Short self-locking arm  
Size C (1.5")  
Code: BRC040007  
Weight: 140gr

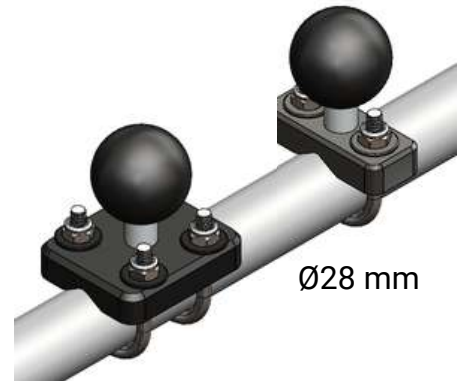


Long self-locking arm  
Size C (1.5")  
Code: BRC040005  
Weight: 140g



## TUBULAR BASE

Tubular bases offer a practical and safe solution for fixing to **tubular shaped objects** and can be installed on **tubes up to 28mm**. Ideal for installation on forklift, tractor and other spaces with round tubes.



Tubular base  
Size B (1")  
Code: BSE040022



Tubular base  
Size C (1,5")  
Code: BSE040023



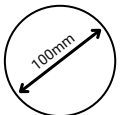
Double tubular base  
Size B (1")  
Code: BSE040025



Double tubular base  
Size C (1,5")  
Code: BSE040024

## ADHESIVE BASE

The adhesive base allows application to the equipment without the need to drill or alter the fixing surface. It is the ideal option for cases where it will be necessary to remove the device after a period of time or cases where the available surface does not allow the execution of holes for fixing. Developed with technology that allows adaptation on irregular surfaces where the base molds itself according to the application geometry, it can be applied on plastics, glass and metals.

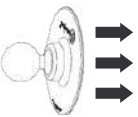


Malleable flat base with a diameter of 100mm. Allows fixing on flat and organic surfaces

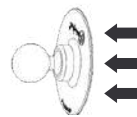


150°

High performance adhesive with durability up to 150 degrees after application



High-tech adhesive for fixing. Can be reused with refill kit



Easy process of removing the product after its period of use



Adhesive base  
Size B (1")  
Code: BSE040020



Adhesive base  
Size C (1,5")  
Code: BSE040021

## SCREWED BASE

The bolted base is intended for operations where the surface can be drilled and easily accessed by all users.

Made of high-strength, lightweight material, it's a great solution for keeping your gear safe without compromising adjustability.



High strength material



Protection against bad weather



Lightweight product and modern design



Long life product



2 hole base  
Size B (1")  
Code: BSE040010



2 hole base  
Size C (1,5")  
Code: BSE040011



4-hole base  
Size B (1")  
Code: BSE040007



4-hole base  
Size C (1,5")  
Code: BSE040008



Base 7 holes  
Size B (1")  
Code: BSE040003

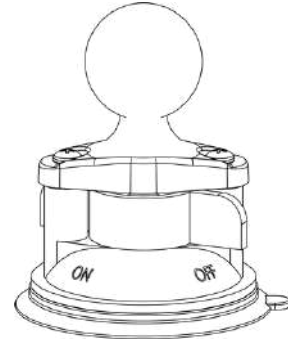


7-hole base  
Size C (1,5")  
Code: BSE040004

## SUCTION CUP BASE

The suction cup line is ideal for users who need to constantly remove the equipment during or at the end of the operation, offering dynamism and ability to resist impacts and temperature where it will be fixed.

Roboflex® suction cups use instant vacuum technology with a high level of absorption. The fixation is long-term resistant, even in operations with high temperatures, providing extra security for fixation on glass, metal, non-porous and non-slotted surfaces.



Suction cup base  
Size B (1")  
Code: BSE040016



Suction cup base  
Size C (1.5")  
Code: BSE040015



Double Suction Cup Base  
Size B (1")  
Code: BSE040017



Double Suction Cup Base  
Size C (1,5")  
Code: BSE040018



Triple Suction Cup Base  
Size B (1")  
Code: BSE040014



Triple Suction Cup Base  
Size C (1,5")  
Code: BSE040012



## ROBOFLEX® MAGNETIC SYSTEM

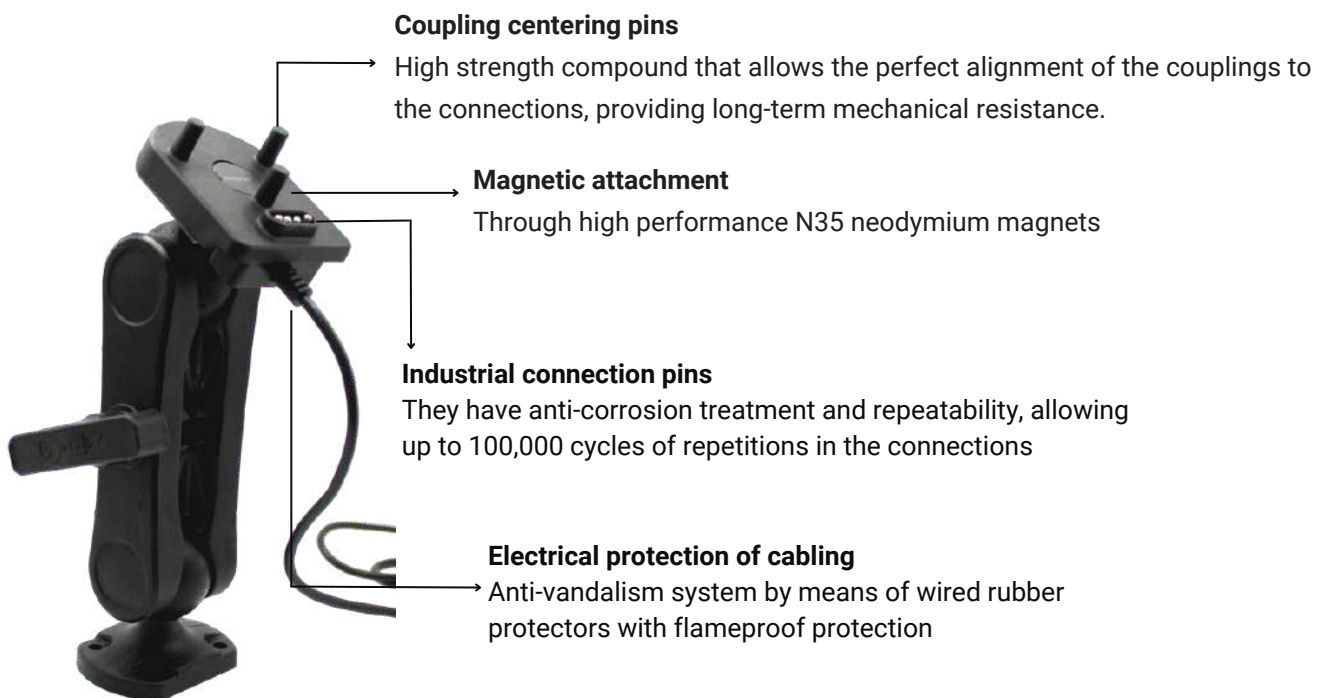
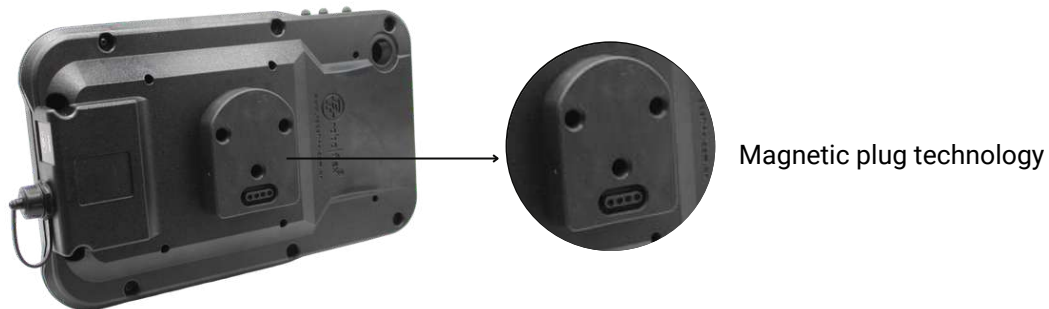
The Roboflex® magnetic system is a **unique technology** that allows devices to be **attached and charged in the cases of the Roboflex ecosystem**.

The Roboflex magnetic system is designed to withstand constant removal of the equipment during operation. It keeps the device charged when the plug is connected to the case.

It offers robustness in the field activity, withstanding extreme situations such as vibrations, impacts, weather and repetitions as constant removal of the product during the operation.

Ideal for operations like:

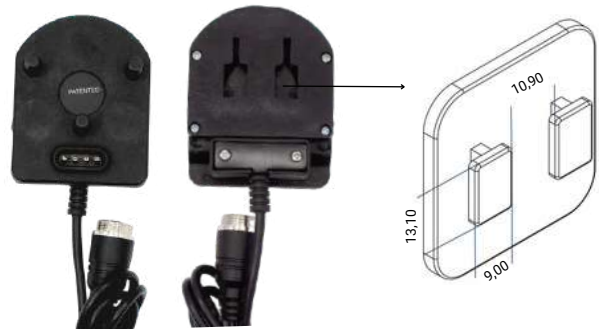
- Operational checklist
- Necessity of off-center pointing from the place of attachment .
- Possibility of moving the device to another operating site



## ROBOFLEX® MAGNETIC SYSTEM



Magnetic plug Size C (1.5")  
Code: PLG040005  
Weight: 180g



Magnetic plug with coupling  
Code: PLG040007  
Weight: 100g



In this photo:

T220 Magnetic Case

Code: CST040127

Magnetic Plug size C

Code: PLG040005

Long Arm size C

Code: BRC040002

Suction cup base size C

Code: BSE040015

Point your phone's camera at the QR Code and see our magnetic solution in operation.



## ADAPTERS



Extender size C  
Code: BSE040026

Used to extend the length of the support requiring the use of two arms.



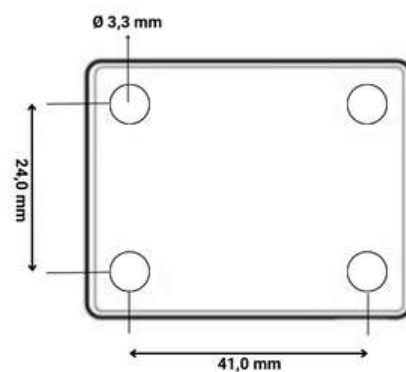
Base ball size B screw 1/4"  
Code: BSE040028

Base with 1/4" size screw compatible with international bases for replacement.



Adapter base size C  
Code: BSE040029

\*Product outside AMPS bore standard



## CABLES

The cables and chargers offer charging and data synchronization capabilities.



IP65 charging cable  
Code: CBO040008

The IP65 charging cable has the following specifications:

- Dust protection
- Protection against temporary immersion
- Resistance against corrosion due to sea spray
- Protection against water jets



IP54 charging cable  
Code: CBO040007

The IP54 charging cable has the following specifications:

- Dust protection
- Protection against water jets
- Industrial connector

## CHARGERS



IP65 charger  
Code: CAR040004



IP54 charger  
Code: CAR040005

### TECHNICAL CHARACTERISTICS

- Voltage range: 11 to 31V
- Voltage output : 5.5V
- Maximum current: 10A
- Regulatory:
  - EN 55032: 2015+AC:2016+A11:2020
  - EN 55035: 2017+A11:2020
  - EN IEC 61000-3-2:2019
  - EN 61000-3-3:2013+A1:2019
- Overcurrent and overvoltage protection
- High efficiency up to 95%
- Over-temperature shutdown, output short-circuit protection
- It has holes that allow the equipment to be fixed with screws.
- Cable length: 1m




**For more information  
visit our website!**

We have redesigned our website to give our existing and potential customers an insight into our solutions and services offered. Stay tuned to our blog for information on technologies, industry news and our solutions.


For questions and information please contact our sales team.




Click [here](#) and go to our website or point your phone's camera at the QR Code.

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