

## Shielding Carrying Case MSCC-10

MTS-No.: 21037-03

### Application

If tax, customs, or police investigators confiscate smartphones, the risk of ex post data deletion or manipulation by mobile radio or Wi-Fi access is very high. A special shielded carrying case for transport and storage of smartphones is desirable to perform forensic services. Another application for shielded carrying cases is bugging protection. Attendees of private conferences can be requested to place their smartphones in the shielded carrying case for scan protection. This is maybe important in the military sector and for intelligence services, too.

### Description

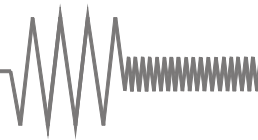
MTS Systemtechnik GmbH has developed a robust carrying case which suppresses electromagnetic signals extensively and in a wide frequency range. Any kind of mobile phone can be transported and stored therewith securely and easily. A 5V-power-interface is integrated at this case.



### Characteristics

- ▶ High and reliable shielding of radio signals compared with shielded bags
- ▶ Economical solution due to long life time by reason of high quality materials
- ▶ Usable for frequencies between 500 MHz to 4000 MHz, such as GSM / DCS / DECT / LTE+ / 5G / RFID / ZigBee / Bluetooth / Wi-Fi etc. (up to 6000 MHz on request)
- ▶ Easy opening by spring lock
- ▶ 5V-power-supply with RF filter (1x 2-pol. Binder series 680 connector outside / 4x USB Type A connector inside)
- ▶ Weight optimized structure improves the mobility
- ▶ Protection of the samples by waved foam padding
- ▶ Shielded carrying cases with other dimensions can be designed according to customers individual requirements





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### Configuration:

MSCC-10 with 5V-power-supply,  
1x Binder series 680 2-pole outside for supply of 4x USB 2.0 type A female inside

### Technical data:

#### 1 RF-specifications:

- |                              |   |
|------------------------------|---|
| 1.1 Impedance                | 50 Ω  |
| 1.2 Frequency range          | 500 MHz - 4000 MHz<br>(up to 6000 MHz on request) |
| 1.3 Shielding @ closed cover | 80 dB typ.  |

#### 2 Connectors (outside / inside):

- |                               |   |
|-------------------------------|---|
| 2.1 Voltage connector outside | 1x Binder series 680 male plug 2-pole, filtered, without protection against polarity reversal |
| 2.2 USB connector inside      | 4x USB 2.0 type A female  |

#### 3 General specifications:

- |   |   |
|---|---|
| 3.1 Power supply DC   | 5 V max., 4 A max.  |
| 3.2 USB   | 5 V DC max.,<br>1 A max. per port   |
| 3.3 Operating temperature   | -25 °C - +70 °C<br>The equipment should not be subjected to extreme temperatures and variations in temperature.       |
| 3.4 Reference temperature for specifications                              | +25 °C  |
| 3.5 Dimensions (without protruding parts, like handles, connectors, etc.) | Outside: 403 x 303 x 91.5 (L x W x H in mm)<br>Inside: 362 x 262 x 88.5 filled with foamed material (L x W x H in mm) |
| 3.6 Surface   | Aluminum chem. nickel plated (20 - 25 μm)   |
| 3.7 Weight  | 3.5 kg  |

#### 4 Delivery package:

Shielding Carrying Case MSCC-10  
External power supply  
CD with operation manual and configuration sheet

#### 5 Comments:

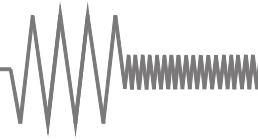
Warranty	12 months
RoHS-compliance	Yes

#### 6 Recommended accessories:

USB charging cable type A to type C (depends on smartphone charging port)

#### 7 Possible options:

Key lockable closings



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### Views:

