

Shielded Carrying Case MSCC-10

MTS-No.: 21037-01

Application

If tax, customs, or police investigators confiscate smartphones, the risk of ex post data deletion or manipulation by mobile radio or wireless LAN 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

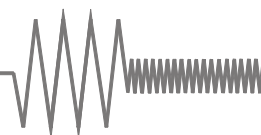
MTS Systemtechnik GmbH has developed a robust carrying case which suppresses electromagnetic signals extensively and in a wide frequency range. Any kind of mobile phone can be transported and stored therewith securely and easily. A 5V-power-interface is integrated at this box.



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 700 MHz to 3000 MHz, such as GSM / DCS / UMTS / LTE / DECT / RFID / ZigBee / Bluetooth / WiFi etc. (up to 6000 MHz on request)
- ▶ Easy opening by spring lock
- ▶ 5V-power-interface with RF filter (1x 2-pol. Binder series 680 connector outside / 8x 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





Shielded Carrying Case MSCC-10

MTS-No.: 21037-01

Configuration:

MSCC-10 with 5V-power-interface,
1x Binder series 680 2-pole outside for supply of 8x USB 2.0 type A female inside without data lines

Technical data:

1 RF-specifications:

- | | |
|---------------------|--------------------|
| 1.1 Impedance | 50 Ω |
| 1.2 Frequency range | 700 MHz – 3000 MHz |
| 1.3 Shielding | 80 dB typ. |

2 Connectors (outside / inside):

- | | | |
|------------------------------------------|----|-------------------------------------------------------------------------------------------|
| 2.1 USB-interface inside (optional) | 8x | USB 2.0 type A female / 4x double module without data lines |
| 2.2 Voltage connector outside (optional) | 1x | Binder series 680 male plug 2-pole filtered, without protection against polarity reversal |

3 General specifications:

- | | |
|---------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 3.1 Power supply DC (optional) | 5 V max., 3 A max. |
| 3.2 USB (optional) | 5 V DC max.,
0.5 A max. per port
3 A max. sum for all USB connectors |
| 3.3 Operating temperature | +0 °C - +50 °C
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 90 (L x W x H in mm)
Inside: 363 x 263 x 86, filled with foamed material (L x W x H in mm) |
| 3.6 Surface | Aluminum chem. nickel plated (20 - 25 µm) |
| 3.7 Weight | 3.2 kg |

4 Delivery package:

Shielded Carrying Case MSCC-10
CD with operation manual and configuration sheet

5 Comments:

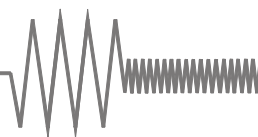
Warranty	12 months
RoHS-compliance	Yes

6 Recommended accessories:

USB 2.0 cable

7 Possible options:

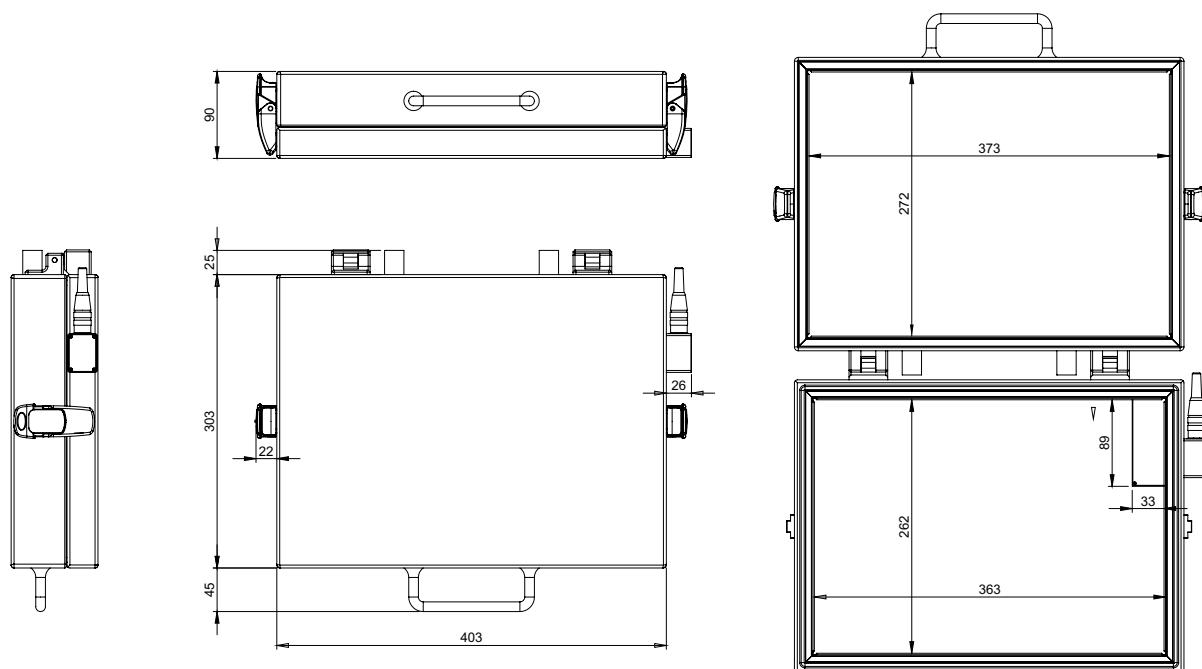
Key lockable closings



Shielded Carrying Case MSCC-10

MTS-No.: 21037-01

Views:



Shielding with closed cover:

