

Filter Module FIL-RJ45

MTS-No.: 29600

Description

The Filter Module RJ45 with integrated EMI filter is designed to be built in at MTS Shielding Boxes series MSB. It supports “Ethernet, Fast Ethernet and Gigabit-Ethernet” and is suitable for testing mobiles, tablets or similar devices with high data rates under shielded conditions.

PoE power passing compatible and passive filter elements are included.

The connectors are RJ45 CAT 5 socket.



Technical data:

1 RJ45 specifications:

- | | | |
|----------------------------|------------------------------|---------|
| 1.1 Supported standards | 10 / 100 / 1000 Ethernet | |
| 1.2 Transfer rates | | |
| @ Ethernet | 10 Mbit/s typ. (1.2 MB/s) | |
| @ Fast Ethernet | 100 Mbit/s typ. (12.5 MB/s) | |
| @ Gigabit-Ethernet | 1000 Mbit/s typ. (125 MB/s) | |
| 1.3 Voltage | 50 V DC max. | |
| 1.4 Current capacity | 350 mA max. | |
| @ each line | | |
| 1.5 EMI filter | Common mode chokes | |
| 1.6 Pinning RJ45 interface | | |
| @ Pin 1 | D1+ | EMI |
| @ Pin 2 | D1- | EMI |
| @ Pin 3 | D2+ | EMI |
| @ Pin 4 | D3+ | EMI |
| @ Pin 5 | D3- | EMI |
| @ Pin 6 | D2- | EMI |
| @ Pin 7 | D4+ | EMI |
| @ Pin 8 | D4- | EMI |
| @ Shell | Shield | Housing |

2 Connections:

- | | |
|----------------------------|--------------|
| 2.1 RJ45 interface outside | CAT 5 socket |
| 2.2 RJ45 interface inside | CAT 5 socket |

3 General specifications:

- | | |
|--|----------------------------------|
| 3.1 Operating temperature | -30 °C - +70 °C |
| 3.2 Storage temperature | -40 °C - +80 °C |
| 3.3 Reference temperature for specifications | +25 °C |
| 3.4 Dimensions (without connections) | 71 mm x 41.75 mm x 31 mm (LxWxH) |
| 3.5 Case style | Milled aluminium enclosure |
| 3.6 Colour | SurTec650 (chromit Al) |
| 3.7 Weight | 155 grams |

4 Delivered parts:

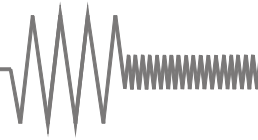
Filter Module FIL-RJ45
Datasheet

5 Comments:

Warranty	12 months
RoHS-compliant	Yes

6 Recommended accessories:

RJ45 CAT5 cables



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Views:

