# DATASHEET





## General data

Supports data transmission rates up to 480 Mbit/s. Wire diameter: AWG28 / AWG24. Shielded: folie + braiding. Plug moulded.

## Tekniske egenskaber

## Available variants

| ArtNr. | Bezeichnung | Colour | Length | Diameter | AWG |
|---|---|---|---|---|---|
| K5248.1,8V2 | USB2.0 Extension Cable A-A, M-F, 1.8m, grey, Enhanced | grey | 1.8 m | 4.5 mm | 24+28AWG |
| K5248SW.1V2 | USB2.0 Extension Cable A-A, M-F, 1 m, black, Enhanced | black | 1.0 m | 4.5 mm | 24+28AWG |
| K5248SW.5V2 | USB2.0 Extension Cable A-A, M-F, 5.0m, black, Enhanced | black | 5.0 m | 4.5 mm | 24+28AWG |
| K5248.1,5V2 | | grey | 1.5 m | | |
| K5248.1V2 | | grey | 1.0 m | | |
| K5248.3V2 | | grey | 3.0 m | | |
| K5248.5V2 | | grey | 5.0 m | | |
| K5248SW.0,5V2 | | black | 0.5 m | | |
| K5248SW.1,8V2 | | black | 1.8 m | | |
| K5248SW.3V2 | | black | 3.0 m | | |

## datasheets.content.drawings

**This datasheet was created automatically on 01-11-2026 . Technical changes reserved.**

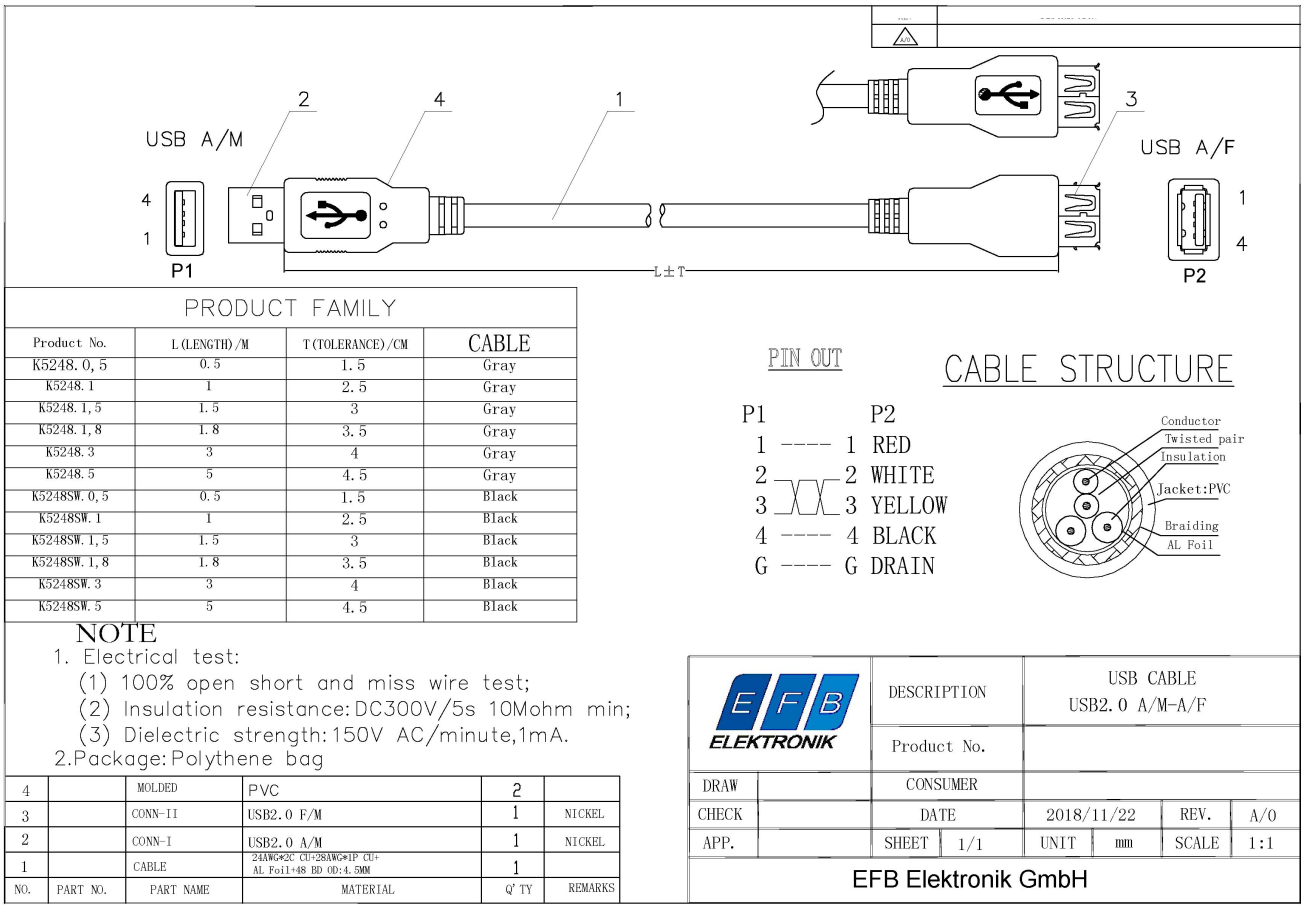
EFB-Elektronik GmbH
Striegauer Straße 1
33719 Bielefeld

fon: +49 521 40 41 8-0
fax: +49 521 40 41 8-50

info@efb-elektronik.de
www.efb-elektronik.de

WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

# DATASHEET




PRODUCT FAMILY

| Product No. | L (LENGTH) /M | T (TOLERANCE) /CM | CABLE |
|---|---|---|---|
| K5248.0,5 | 0.5 | 1.5 | Gray |
| K5248.1 | 1 | 2.5 | Gray |
| K5248.1,5 | 1.5 | 3 | Gray |
| K5248.1,8 | 1.8 | 3.5 | Gray |
| K5248.3 | 3 | 4 | Gray |
| K5248.5 | 5 | 4.5 | Gray |
| K5248SW.0,5 | 0.5 | 1.5 | Black |
| K5248SW.1 | 1 | 2.5 | Black |
| K5248SW.1,5 | 1.5 | 3 | Black |
| K5248SW.1,8 | 1.8 | 3.5 | Black |
| K5248SW.3 | 3 | 4 | Black |
| K5248SW.5 | 5 | 4.5 | Black |

PIN OUT

| P1 | | P2 |
|---|---|---|
| 1 | ---- | 1 RED |
| 2 | ---- | 2 WHITE |
| 3 | ---- | 3 YELLOW |
| 4 | ---- | 4 BLACK |
| G | ---- | G DRAIN |

CABLE STRUCTURE




NOTE

1. Electrical test:
   (1) 100% open short and miss wire test;
   (2) Insulation resistance: DC300V/5s 10Mohm min;
   (3) Dielectric strength: 150V AC/minute,1mA.
2. Package: Polythene bag

| NO. | PART NO. | PART NAME | MATERIAL | Q'TY | REMARKS |
|---|---|---|---|---|---|
| 4 | | MOLDED | PVC | 2 | |
| 3 | | CONN-II | USB2.0 F/M | 1 | NICKEL |
| 2 | | CONN-I | USB2.0 A/M | 1 | NICKEL |
| 1 | | CABLE | 24AWG*2C CU+28AWG*1P CU+ AL Foil+48 BD OD:4.5MM | 1 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| | | DESCRIPTION | USB CABLE USB2.0 A/M-A/F | | | |
| | | Product No. | | | | |
| DRAW | | CONSUMER | | | | |
| CHECK | | DATE | 2018/11/22 | REV. | A/0 | |
| APP. | | SHEET 1/1 | UNIT mm | SCALE | 1:1 | |

EFB Elektronik GmbH

**Note on Intended Use**

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.