

## RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, red



### Description

The Cat.5e RJ45 patch cable **manufactured in Europe** guarantees very good characteristics for 2.5 Gigabit Ethernet applications. The patch cable is composed of the raw cable **CU 5502 flex** from Daetwyler and **TM11** connectors from Hirose.

Cross section 4 x 2 x AWG26/7

Mounted anti-kink grommet

Clear distinction of the cores in the assembled connector thanks to different core colours (black, green, red, blue, white, orange, yellow, brown)

### General data

|                                |                       |
|--------------------------------|-----------------------|
| Category                       | 5e                    |
| Type of connector connection 1 | RJ45 8(8)             |
| Type of connector connection 2 | RJ45 8(8)             |
| Connector type                 | TM11                  |
| Cable type                     | Dätwyler CU 5502 flex |
| Contacts                       | Gold plated           |
| Pin assignment                 | 1:1                   |
| Allocation                     | acc. TIA/EIA 568B     |
| Type                           | Shielded              |
| Anti-kink sleeve               | put-on                |
| Colour anti-kink sleeve        | red                   |
| Locking lever                  | No                    |

### Mechanical characteristics

|                   |                     |
|-------------------|---------------------|
| Mating cycles     | ≥750                |
| Bending radius    | >20 mm              |
| Conductive shield | 360° shield contact |

This datasheet was created automatically on 05-02-2020 . Technical changes reserved.



## RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, red

### Cable construction

|                           |        |
|---------------------------|--------|
| Cable structure           | S/UTP  |
| Cable construction        | 4x2    |
| AWG-size/strands per core | 26/7   |
| Conductor Material        | Copper |

### Cable sheath

|                             |        |
|-----------------------------|--------|
| Jacket material             | PVC    |
| Colour outer sheath         | red    |
| Outer diameter of the cable | 5.1 mm |

### Environmental conditions

|                                  |             |
|----------------------------------|-------------|
| Temperature Range (Operation)    | -20 – 60 °C |
| Temperature Range (Installation) | 0 – 50 °C   |

### Electrical characteristics

|                         |           |
|-------------------------|-----------|
| NVP value               | 76 %      |
| Impedance               | 100 ±15 Ω |
| Conductor resistance DC | 113 Ω/km  |
| Loop resistance         | 225 Ω/km  |

### Transmission characteristics

|              |         |
|--------------|---------|
| Bandwidth    | 100MHz  |
| Transmission | 2.5Gbit |

### Standards, approvals, certifications

|           |               |
|-----------|---------------|
| Connector | IEC 60603-7-3 |
|-----------|---------------|

### Available variants

| Article no. | Title                                                                 | Length |
|-------------|-----------------------------------------------------------------------|--------|
| K8703.0,5   | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 0,5m, red | 0.5 m  |
| K8703.1     | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 1m, red   | 1.0 m  |
| K8703.1,5   | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 1,5m, red | 1.5 m  |
| K8703.2     | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 2m, red   | 2.0 m  |
| K8703.3     | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 3m, red   | 3.0 m  |
| K8703.4     | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 4m, red   | 4.0    |
| K8703.5     | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 5m, red   | 5.0 m  |
| K8703.7     | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 7m, red   | 7.0 m  |

This datasheet was created automatically on 05-02-2020 . Technical changes reserved.

## RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, red

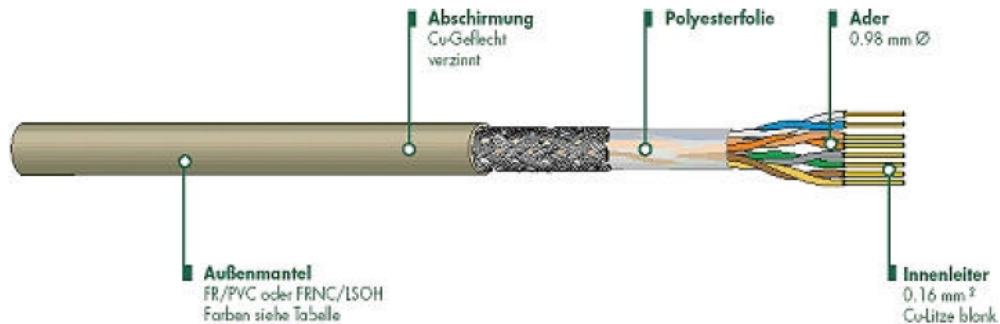
|           |                                                                       |        |
|-----------|-----------------------------------------------------------------------|--------|
| K8703.7,5 | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 7,5m, red | 7.5 m  |
| K8703.10  | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 10m, red  | 10.0 m |
| K8703.15  | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 15m, red  | 15.0 m |
| K8703.20  | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 20m, red  | 20.0 m |
| K8703.30  | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, 30m, red  | 30.0 m |

This datasheet was created automatically on 05-02-2020 . Technical changes reserved.



## RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, red

### Technical drawings



Belegung: 1 -sw- 1

2 -gn- 2

3 -rt- 3

4 -bl- 4

5 -ws- 5

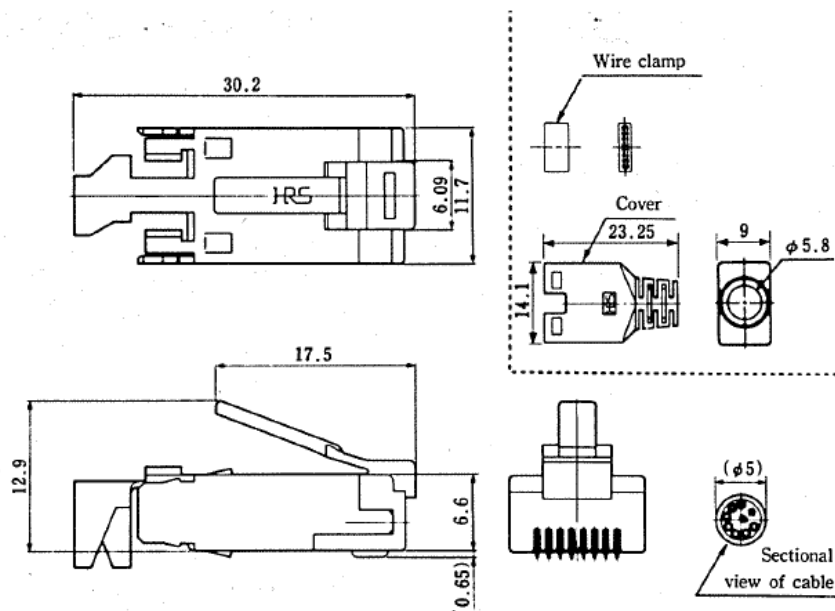
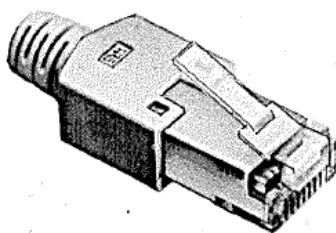
6 -or- 6

7 -ge- 7

8 -br- 8

Schirm beidseitig auf Gehäuse!

### ● TM1 IP-88P CL222-1328-2



This datasheet was created automatically on 05-02-2020 . Technical changes reserved.

## RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, red

### similar product

|         |                                                                    |
|---------|--------------------------------------------------------------------|
| K8706.1 | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, green  |
| K8705.1 | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, black  |
| K8704.1 | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, blue   |
| K8702.1 | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, yellow |
| K8701.1 | RJ45 Patch cable S/UTP, Cat.5e, TM11, Dätwyler CU 5502 PVC, grey   |

