

## RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, yellow



### 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 **UC300 S26** from Draka and **TM11** connectors from Hirose.

Cross section 4 x 2 x AWG26/7  
Mounted anti-kink grommet  
Cable structure **F/UTP**

### 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                     | Draka UC300 S26   |
| Contacts                       | Gold plated       |
| Pin assignment                 | 1:1               |
| Allocation                     | acc. TIA/EIA 568B |
| Type                           | Shielded          |
| Anti-kink sleeve               | put-on            |
| Colour anti-kink sleeve        | yellow            |
| Locking lever                  | No                |

### Mechanical characteristics

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

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### Cable construction

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

### Cable sheath

|                             |                 |
|-----------------------------|-----------------|
| Jacket material             | LSZH            |
| Colour outer sheath         | yellow          |
| Outer diameter of the cable | 5.4 mm          |
| Flame-retardant             | acc. IEC60332-1 |
| Halogen-free                | acc. IEC60754-2 |
| Low smoke                   | acc. IEC61034   |

### Environmental conditions

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

### Electrical characteristics

|                         |                                             |
|-------------------------|---------------------------------------------|
| NVP value               | 67 %                                        |
| Impedance               | 100 ±15 Ω                                   |
| Conductor resistance DC | 130 Ω/km                                    |
| Loop resistance         | < 260 Ω/km                                  |
| Resistance unbalance    | < 3 %                                       |
| Insulation resistance   | > 2000 MΩ                                   |
| Test voltage            | 1000 (V DC, 1min) core/core und core/screen |

### Transmission characteristics

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

### Standards, approvals, certifications

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

### Available variants

| Article no. | Title                                                     | Length |
|-------------|-----------------------------------------------------------|--------|
| K8075.0,50  | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, 0,5m, yellow | 0.5 m  |
| K8075.1     | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, 1m, yellow   | 1.0 m  |

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|           |                                                           |        |
|-----------|-----------------------------------------------------------|--------|
| K8075.1,5 | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, 1,5m, yellow | 1.5 m  |
| K8075.2   | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, 2m, yellow   | 2.0 m  |
| K8075.3   | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, 3m, yellow   | 3.0 m  |
| K8075.5   | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, 5m, yellow   | 5.0 m  |
| K8075.7,5 | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, 7,5m, yellow | 7.5 m  |
| K8075.10  | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, 10m, yellow  | 10.0 m |
| K8075.15  | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, 15m, yellow  | 15.0 m |
| K8075.20  | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, 20m, yellow  | 20.0 m |
| K8075.25  | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, 25m, yellow  | 25.0 m |
| K8075.30  | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, 30m, yellow  | 30.0 m |

### similar product

|         |                                                    |
|---------|----------------------------------------------------|
| K8452.1 | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, grey  |
| K8076.1 | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, red   |
| K8074.1 | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, blue  |
| K8073.1 | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, green |
| K8072.1 | RJ45 Patch cable F/UTP, Cat.5e, TM11, UC300, black |

