

# TTLan® UltraFlex Cat.6<sub>A</sub> S/FTP Patch Cable

500 MHz 10 Gbit

Highly flexible, halogen-free cable (LSOH)

Low bending radius

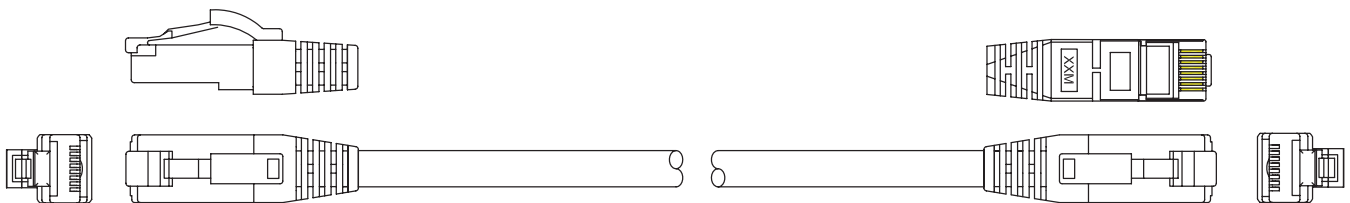
~8500 motion cycles under load

Individual test report (Cat.6A channel test)

3P and GHMT certified



| Specification                   | Technical Data                          | Applications          |
|---------------------------------|---|-----------------------|
| connectors: 2x RJ45 (8P8C)      | 50µ gold plating (contacts)             | data center           |
| cable structure: S/FTP (PiMF)   | plug protection                         | conference rooms      |
| AWG: 26/7                       | data transmission: up to 10 Gbps        | events                |
| outer diameter: 6.0±0.2 mm      | PoE acc. to IEEE 802.3 af; max. <15.4 W | industry / automation |
| wires: 100% copper              | PoE+ acc. to IEEE 802.3at; max. <25.5 W | medical environments  |
| jacket material: Ultraflex LSOH | temperature range: -20°C up to +80°C    | special designs       |



| Tests                           | Standards                        | Certificates |
|---------------------------------|----------------------------------|--------------|
| bending radius: 10 mm (min.)    | Category: 6A                     | 3P           |
| mating cycles: ≥1200            | connector acc. to IEC 60603-7-51 | GHMT         |
| motion cycles under load: ~8500 | UL: E499958                      |              |
| channel test: 100% Cat.6A       |                                  |              |



# TTLan® UltraFlex Cat.6<sub>A</sub> S/FTP Patch Cable

Colour: ■ blackgrey

| Art.No.         | EAN No.       | Length +/- Tolerance (mm) |
|-----------------|---------------|---------------------------|
| 1812-I-0,15M-UF | 4260424517591 | 150+20/-0                 |
| 1812-I-0,25M-UF | 4260424517607 | 250+20/-0                 |
| 1812-I-0,5M-UF  | 4260424517614 | 500+20/-0                 |
| 1812-I-1,0M-UF  | 4260424517621 | 1,000+30/-0               |
| 1812-I-1,5M-UF  | 4260424517638 | 1,500+30/-0               |
| 1812-I-2,0M-UF  | 4260424517669 | 2,000+30/-0               |
| 1812-I-3,0M-UF  | 4260424517683 | 3,000+30/-0               |
| 1812-I-5,0M-UF  | 4260424517706 | 5,000+50/-0               |
| 1812-I-7,5M-UF  | 4260424517713 | 7,500+70/-0               |
| 1812-I-10,0M-UF | 4260424517645 | 10,000+100/-0             |
| 1812-I-15,0M-UF | 4260424517652 | 15,000+150/-0             |
| 1812-I-20,0M-UF | 4260424517676 | 20,000+200/-0             |
| 1812-I-30,0M-UF | 4260424517690 | 30,000+200/-0             |

Colour: □ lightgrey

| Art.No.         | EAN No.       | Length +/- Tolerance (mm) |
|-----------------|---------------|---------------------------|
| 1822-I-0,15M-UF | 4260424517720 | 150+20/-0                 |
| 1822-I-0,25M-UF | 4260424517737 | 250+20/-0                 |
| 1822-I-0,5M-UF  | 4260424517744 | 500+20/-0                 |
| 1822-I-1,0M-UF  | 4260424517751 | 1,000+30/-0               |
| 1822-I-1,5M-UF  | 4260424517768 | 1,500+30/-0               |
| 1822-I-2,0M-UF  | 4260424517799 | 2,000+30/-0               |
| 1822-I-3,0M-UF  | 4260424517812 | 3,000+30/-0               |
| 1822-I-5,0M-UF  | 4260424517836 | 5,000+50/-0               |
| 1822-I-7,5M-UF  | 4260424517843 | 7,500+70/-0               |
| 1822-I-10,0M-UF | 4260424517775 | 10,000+100/-0             |
| 1822-I-15,0M-UF | 4260424517782 | 15,000+150/-0             |
| 1822-I-20,0M-UF | 4260424517805 | 20,000+200/-0             |
| 1822-I-30,0M-UF | 4260424517829 | 30,000+200/-0             |

Colour: ■ yellowgreen

| Art.No.         | EAN No.       | Length +/- Tolerance (mm) |
|-----------------|---------------|---------------------------|
| 1842-I-0,15M-UF | 4260424517850 | 150+20/-0                 |
| 1842-I-0,25M-UF | 4260424517867 | 250+20/-0                 |
| 1842-I-0,5M-UF  | 4260424517874 | 500+20/-0                 |
| 1842-I-1,0M-UF  | 4260424517881 | 1,000+30/-0               |
| 1842-I-1,5M-UF  | 4260424517898 | 1,500+30/-0               |
| 1842-I-2,0M-UF  | 4260424517928 | 2,000+30/-0               |
| 1842-I-3,0M-UF  | 4260424517942 | 3,000+30/-0               |
| 1842-I-5,0M-UF  | 4260424517966 | 5,000+50/-0               |
| 1842-I-7,5M-UF  | 4260424517973 | 7,500+70/-0               |
| 1842-I-10,0M-UF | 4260424517904 | 10,000+100/-0             |
| 1842-I-15,0M-UF | 4260424517911 | 15,000+150/-0             |
| 1842-I-20,0M-UF | 4260424517935 | 20,000+200/-0             |
| 1842-I-30,0M-UF | 4260424517959 | 30,000+200/-0             |

