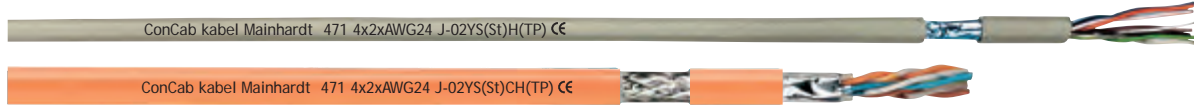




ConCab kabel gmbh

# CC-LAN F/UTP J-02YS(St)...-(TP)-471 CC-LAN SF/UTP J-02YS(St)C...-(TP)-471

绞对型为楼宇布线，带屏蔽  
全铝箔屏蔽，SF/UTP 铜编织屏蔽



### 应用领域

CC-LAN F/UTP J-02YS(St)...-(TP)-471 以及 CC-LAN SF/UTP J-02YS(St)C...-(TP)-471 带屏蔽适用于在多层建筑物中建造信息网络。聚乙烯 PE 芯线对绞、最优节距确保了其高质量数据的快速可靠传输。静电屏蔽以及附加的 SF/UTP 铜丝编织屏蔽保护双绞线不受电磁干扰的影响。该跳接线使终端的柔性连接更方便。

### application

The CC-LAN F/UTP J-02YS(St)...-(TP)-471 and CC-LAN SF/UTP J-02YS(St)C...-(TP)-471 shielded are suitable to build information networks inside storey buildings. Polyethylene core pairs with optimized lay lengths ensure a rapid and reliable transmission of high quantities of data. The static shield as well as the additional copper braided shield of type SF/UTP protects the pairs against electromagnetic disturbances. The patch cable facilitates the flexible connection of terminals.

### 构造

实心裸铜丝或者 7 股铜丝绞合，发泡 PE 芯线绝缘，对绞芯线绞合成缆，铝箔。附加 SF/UTP 铜编织屏蔽。外护套为无卤聚合混合物或者 PVC，阻燃和自熄（符合 DIN EN 60332-1-2 VDE 0482 332-1-2:2005-06 和 IEC 60332-3 部分标准）。外护套颜色橙色 (RAL 2003) 或者灰色。其它外护套颜色可以根据要求定制。

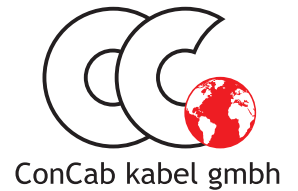
### construction

Bare solid or respectively 7-strands of copper wire, cell-PE core insulation, paired cores twisted in layers, aluminium foil. Type SF/UTP additionally with copper braided shield. Outer sheath based on halogen-free polymere mixture or PVC, flame retardant and self-extinguishing (acc. to DIN EN 60332-1-2 VDE 0482 part 332-1-2:2005-06 and IEC 60332-3). Colour orange (RAL 2003) or grey. Other sheath colours upon request.

### 技术数据 / technical data

|                               |           |                              |                       |
|-------------------------------|-----------|------------------------------|-----------------------|
| 额定电压 / rated voltage:         |           | 150 V                        |                       |
| 测试电压 / test voltage:          |           | 700 V                        |                       |
| 导体绞合方式 / conductor stranding: | AWG 23-24 | 实心 / solid                   |                       |
|                               | AWG 26    | 7- 股绞合 / 7-strands           |                       |
| 绝缘阻抗 / insulation resistance: |           | min. 20 MOhm x km            |                       |
| 回路电阻 / loop resistance:       | AWG 23-24 | max. 190 Ohm/km              |                       |
|                               | AWG 26    | max. 290 Ohm/km              |                       |
| 阻抗 / impedance:               |           | 100 Ohm +/- 15 Ohm           |                       |
| 温度范围 / temperature range:     |           | 固定安装 / fixed installation:   | -30° C 至 /to +70° C   |
|                               |           | 移动应用 / flexible application: | 0° C 至 /to +50° C     |
| 弯曲半径 / bending radius:        | AWG 23-24 | 固定安装 / fixed installation:   | 4 x d 外径 -Ø / outer-Ø |
|                               | AWG 26    | 移动应用 / flexible application: | 8 x d 外径 -Ø / outer-Ø |
| 符合标准 / approvals:             |           | 符合 / acc. to ISO/IEC 11801   |                       |
|                               |           | 符合 / acc. to EN 50173-1      |                       |

# CC-LAN F/UTP J-02YS(St)...-(TP)-471 CC-LAN SF/UTP J-02YS(St)C...-(TP)-471 twisted pairs for structured cabling, shielded



| 物料编码<br>part-no.                             | 类型<br>type         | 芯线数 /<br>AWG<br>no. of cores /<br>AWG | 外护套 -<br>材料<br>sheath<br>material | 铜重<br>copper<br>weight<br>kg/km | 外径<br>outer-Ø<br>d<br>mm | 电缆重量<br>weight<br>kg/km |
|--|--------------------|---------------------------------------|-----------------------------------|---------------------------------|--------------------------|-------------------------|
| <b>CC-LAN F/UTP J-02YS(St)...-(TP)-471</b>   |                    |                                       |                                   |                                 |                          |                         |
| CAT 5/100 MHz                                |                    |                                       |                                   |                                 |                          |                         |
| 471 2404 152                                 | F/UTP              | (4 x 2 x AWG24/0,52Ø)                 | H                                 | 18                              | 6,2                      | 43                      |
| 471 2404 052                                 | F/UTP              | (4 x 2 x AWG24/0,52Ø)                 | PVC                               | 18                              | 6,2                      | 41                      |
| 471 2408 152                                 | Duplex-F/UTP       | 2 x (4 x 2 x AWG24/0,52Ø)             | H                                 | 36                              | 6,0 x 13,1               | 86                      |
| 471 2408 052                                 | Duplex-F/UTP       | 2 x (4 x 2 x AWG24/0,52Ø)             | PVC                               | 36                              | 6,0 x 13,1               | 82                      |
| 471 2604 152                                 | Patch cable-F/UTP  | (4 x 2 x AWG26/7x0,16Ø)               | H                                 | 13                              | 5,4                      | 31                      |
| 471 2604 052                                 | Patch cable-F/UTP  | (4 x 2 x AWG26/7x0,16Ø)               | PVC                               | 13                              | 5,4                      | 30                      |
| CAT 5E/200 MHz                               |                    |                                       |                                   |                                 |                          |                         |
| 471 2404 15E2                                | F/UTP              | (4 x 2 x AWG24/0,52Ø)                 | H                                 | 18                              | 6,0                      | 43                      |
| 471 2408 15E2                                | Duplex-F/UTP       | 2 x (4 x 2 x AWG24/0,52Ø)             | H                                 | 36                              | 6,0 x 12,2               | 86                      |
| 471 2604 15E2                                | Patch cable-F/UTP  | (4 x 2 x AWG26/7x0,16Ø)               | H                                 | 13                              | 5,2                      | 31                      |
| CAT 6/250 MHz                                |                    |                                       |                                   |                                 |                          |                         |
| 471 2404 162                                 | F/UTP              | (4 x 2 x AWG24/0,52Ø)                 | H                                 | 18                              | 6,9                      | 49                      |
| 471 2404 062                                 | F/UTP              | (4 x 2 x AWG24/0,52Ø)                 | PVC                               | 18                              | 6,9                      | 48                      |
| 471 2408 162                                 | Duplex-F/UTP       | 2 x (4 x 2 x AWG24/0,52Ø)             | H                                 | 36                              | 6,9 x 14,4               | 96                      |
| 471 2408 062                                 | Duplex-F/UTP       | 2 x (4 x 2 x AWG24/0,52Ø)             | PVC                               | 36                              | 6,9 x 14,4               | 96                      |
| CAT 6/300 MHz                                |                    |                                       |                                   |                                 |                          |                         |
| 471 2404 063                                 | F/UTP              | (4 x 2 x AWG24/0,52Ø)                 | PVC                               | 19                              | 6,9                      | 48                      |
| <b>CC-LAN SF/UTP J-02YS(St)C...-(TP)-471</b> |                    |                                       |                                   |                                 |                          |                         |
| CAT 5/100 MHz                                |                    |                                       |                                   |                                 |                          |                         |
| 471 2404 153                                 | SF/UTP             | (4 x 2 x AWG24/0,52Ø)                 | H                                 | 32                              | 6,5                      | 56                      |
| 471 2404 053                                 | SF/UTP             | (4 x 2 x AWG24/0,52Ø)                 | PVC                               | 32                              | 6,5                      | 54                      |
| 471 2408 153                                 | Duplex-SF/UTP      | 2 x (4 x 2 x AWG24/0,52Ø)             | H                                 | 64                              | 6,5 x 13,2               | 126                     |
| 471 2408 053                                 | Duplex-SF/UTP      | 2 x (4 x 2 x AWG26/0,52Ø)             | PVC                               | 64                              | 6,5 x 13,2               | 120                     |
| CAT 5E/200 MHz                               |                    |                                       |                                   |                                 |                          |                         |
| 471 2404 15E3                                | SF/UTP             | (4 x 2 x AWG24/0,52Ø)                 | H                                 | 32                              | 6,5                      | 63                      |
| 471 2408 15E3                                | Duplex-SF/UTP      | 2 x (4 x 2 x AWG24/0,52Ø)             | H                                 | 64                              | 6,5 x 13,2               | 126                     |
| 471 2604 15E3                                | Patch cable-SF/UTP | (4 x 2 x AWG26/7 x 0,16Ø)             | H                                 | 22                              | 6,0                      | 50                      |
| CAT 6/300 MHz                                |                    |                                       |                                   |                                 |                          |                         |
| 471 2404 163                                 | SF/UTP             | (4 x 2 x AWG24/1)                     | H                                 | 18                              | 7,3                      | 56                      |
| CAT 6E/350 MHz                               |                    |                                       |                                   |                                 |                          |                         |
| 471 2304 163                                 | SF/UTP             | (4 x 2 x AWG23/0,6Ø)                  | H                                 | 37                              | 7,2                      | 71                      |
| 471 2304 063                                 | SF/UTP             | (4 x 2 x AWG23/0,6Ø)                  | PVC                               | 37                              | 7,2                      | 68                      |
| 471 2308 163                                 | Duplex-SF/UTP      | 2 x (4 x 2 x AWG23/0,6Ø)              | H                                 | 74                              | 14,8 x 7,3               | 154                     |
| 471 2308 063                                 | Duplex-SF/UTP      | 2 x (4 x 2 x AWG23/0,6Ø)              | PVC                               | 74                              | 14,8 x 7,3               | 148                     |
| 471 2604 163                                 | Patch cable-SF/UTP | (4 x 2 x AWG26/7 x 0,16Ø)             | H                                 | 22                              | 5,7                      | 44                      |
| 471 2604 063                                 | Patch cable-SF/UTP | (4 x 2 x AWG26/7 x 0,16Ø)             | PVC                               | 22                              | 5,7                      | 46                      |

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