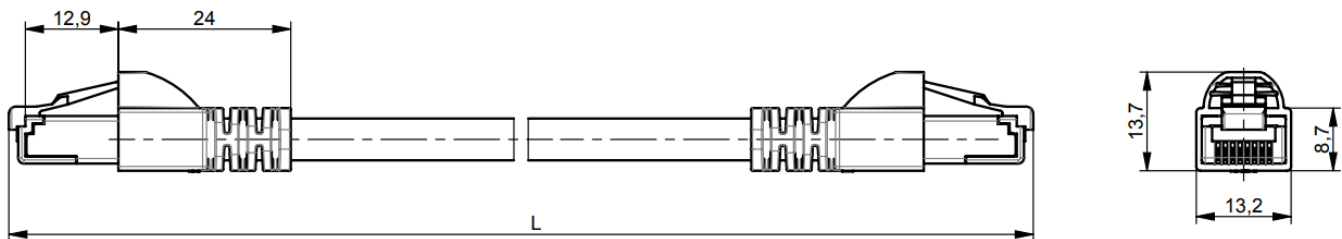
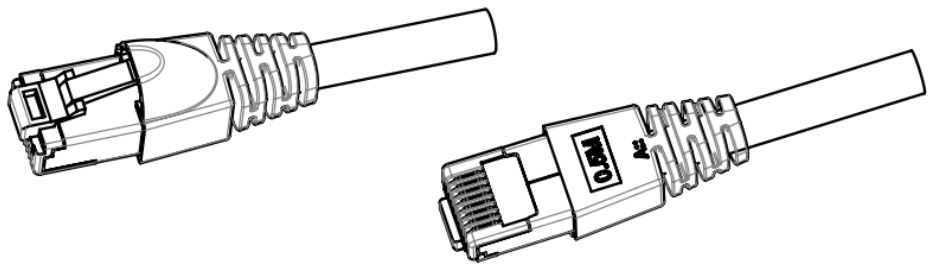


# Patch cord F/UTP Cat.5 LSZH

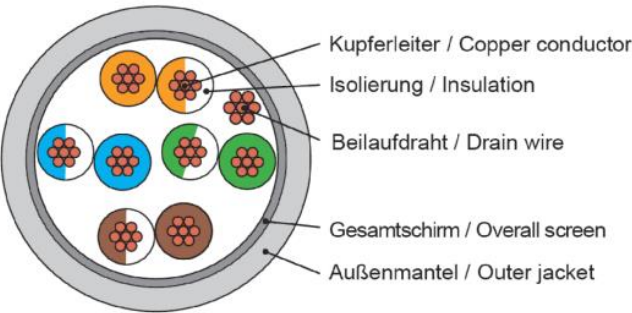


| Länge<br>Length<br>(mm) | < 500 | ≥ 500 | > 1500 | > 2500 | > 5000 | > 8000 | > 15000 | > 20000 | > 50000 | > 100000 |
|-------------------------|-------|-------|--------|--------|--------|--------|---------|---------|---------|----------|
| Toleranz /<br>Tolerance | ± 10  | ± 20  | ± 25   | ± 40   | ± 60   | ± 100  | ± 200   | ± 300   | ± 500   | ± 500    |

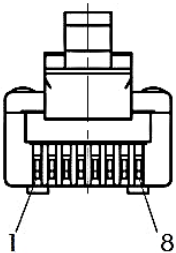
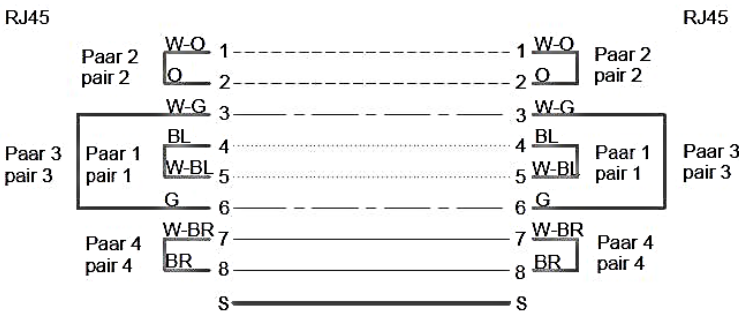
## Knickschutzhülse umspritzt / Strain relief overmoulded



## Kabelaufbau / Construction LI-2Y(St)H 4x2xAWG26/7 LSZH



## Schaltbild / Connection Diagram 1:1 Belegung nach / Pin assignment acc. to TIA 568B



- 1 weiß-orange / white-orange
- 2 orange
- 3 weiß-grün / white-green
- 4 blau / blue
- 5 weiß-blau / white-blue
- 6 grün / green
- 7 weiß-braun / white-brown
- 8 braun / brown

# Patch cord F/UTP Cat.5 LSZH



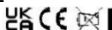
## Verpackung / Packing

1 Stück im PE-Beutel mit Etikett.  
Umverpackung für Kabel ≤ 7,5 m:  
Karton 385 mm x 285 mm x 192 mm (Außenmaße).  
Umverpackung für Kabel > 7,5 m:  
Karton 380 mm x 275 mm x 295 mm (Außenmaße).  
Umverpackungsmenge ist abhängig von der Kabellänge.

1 piece in PE bag with label.  
Outer packing for cables ≤ 7,5 m:  
carton 385 mm x 285 mm x 192 mm (outside dimensions).  
Outer packing for cables > 7,5 m:  
carton 380 mm x 275 mm x 295 mm (outside dimensions).  
Outer packing unit differs according to cable length.

## TG-Artikelnummer / TG part number

| L<br>(mm) | Grau<br>Grey<br>RAL 7035 | Grün<br>Green<br>RAL 6024 | Rot<br>Red<br>RAL 3018   | Blau<br>Blue<br>RAL 5015 | Gelb<br>Yellow<br>RAL 1018 | Schwarz<br>Black<br>RAL 9011 | Weiß<br>White<br>RAL 9003 | Verpackungs-<br>einheit pro Karton<br>Packing unit per<br>box<br>Stück / Pieces |
|-----------|--------------------------|---------------------------|--------------------------|--------------------------|----------------------------|------------------------------|---------------------------|---------------------------------------------------------------------------------|
| 250       | L00000D0017<br>100008165 |                           |                          |                          |                            |                              |                           | 200                                                                             |
| 500       | L00000D0035<br>100008175 | L00000D0034<br>100008174  | L00000D0031<br>100008171 | L00000D0032<br>100008172 | L00000D0033<br>100008173   | L00000D0089<br>100008176     | L00000D0004<br>100008162  | 130                                                                             |
| 1000      | L00000D0026<br>100008170 | L00000D0025<br>100008169  | L00000D0022<br>100008166 | L00000D0023<br>100008167 | L00000D0024<br>100008168   | L00000D0090<br>100008177     | L00000D0005<br>100008163  | 90                                                                              |
| 2000      | L00001D0036<br>100008382 | L00001D0035<br>100008381  | L00001D0032<br>100008378 | L00001D0033<br>100008379 | L00001D0034<br>100008380   | L00001D0095<br>100008391     | L00001D0003<br>100008376  | 60                                                                              |
| 3000      | L00002D0080<br>100008572 | L00002D0079<br>100008571  | L00002D0076<br>100008568 | L00002D0077<br>100008569 | L00002D0078<br>100008570   | L00002D0123<br>100008581     | L00002D0002<br>100008566  | 45                                                                              |
| 5000      | L00003D0030<br>100008779 | L00003D0029<br>100008778  | L00003D0026<br>100008775 | L00003D0027<br>100008776 | L00003D0028<br>100008777   | L00003D0062<br>100008780     | L00003D0004<br>100008774  | 30                                                                              |
| 7500      | L00004D0041<br>100008945 | L00004D0040<br>100008944  | L00004D0037<br>100008941 | L00004D0038<br>100008942 | L00004D0039<br>100008943   | L00004D0062<br>100008948     | L00004D0004<br>100008940  | 20                                                                              |
| 10000     | L00005D0035<br>100009080 | L00005D0036<br>100009081  | L00005D0037<br>100009082 | L00005D0038<br>100009083 | L00005D0039<br>100009084   | L00005D0040<br>100009085     | L00005D0004<br>100009079  | 20                                                                              |
| 15000     | L00006D0078<br>100009348 | L00006D0082<br>100009352  | L00006D0086<br>100009356 | L00006D0090<br>100009360 | L00006D0094<br>100009364   | L00006D0098<br>100009368     |                           | 20                                                                              |
| 20000     | L00006D0079<br>100009349 | L00006D0083<br>100009353  | L00006D0087<br>100009357 | L00006D0091<br>100009361 | L00006D0095<br>100009365   | L00006D0099<br>100009369     |                           | 15                                                                              |
| 25000     | L00006D0080<br>100009350 | L00006D0084<br>100009354  | L00006D0088<br>100009358 | L00006D0092<br>100009362 | L00006D0096<br>100009366   | L00006D0100<br>100009370     |                           | 10                                                                              |
| 50000     | L00006D0081<br>100009351 | L00006D0085<br>100009355  | L00006D0089<br>100009359 | L00006D0093<br>100009363 | L00006D0097<br>100009367   | L00006D0101<br>100009371     |                           | 6                                                                               |

| Technische Daten / Technical Data             |                                                                                                                                                           |                                        |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| <b>Steckverbinder-Norm</b>                    | IEC 60603-7-51                                                                                                                                            | <b>Connector standard</b>              |
| <b>Kabelspezifikation siehe</b>               | Rohkabel / Raw cable                                                                                                                                      | <b>Cable specifications see</b>        |
| <b>Mechanische Eigenschaften</b>              |                                                                                                                                                           | <b>Mechanical Characteristics</b>      |
| Steckkraft                                    | ≤ 30 N                                                                                                                                                    | Insertion force                        |
| Lebensdauer (Steckzyklen)                     | ≥ 750                                                                                                                                                     | Durability (mating cycles)             |
| <b>Werkstoffe</b>                             |                                                                                                                                                           | <b>Materials</b>                       |
| Steckergehäuse                                | PC UL94 V0 glasklar / crystal clear                                                                                                                       | Connector housing                      |
| Kontaktoberfläche                             | Au über / over Ni                                                                                                                                         | Contact finish                         |
| Schirmblech                                   | Messing vernickelt / brass nickel plated                                                                                                                  | Shield                                 |
| Knickschutztülle                              | PVC UL94 V0                                                                                                                                               | Strain relief                          |
| Außenmantel                                   | LSZH                                                                                                                                                      | Outer jacket                           |
| Kabeldurchmesser                              | 5,5 mm ± 0,2 mm (0.216" ± 0.008")                                                                                                                         | Cable outer diameter                   |
| Kabelaufschrift                               | TELEGÄRTNER F/UTP Cat.5<br>PATCH CABLE LSZH IEC 60332-1<br>4x2xAWG26/7  | Cable marking                          |
| Farbe der Kabelaufschrift                     | blau / blue                                                                                                                                               | Colour of cable marking                |
| Farbe der Kabelaufschrift auf schwarzem Kabel | weiß / white                                                                                                                                              | Colour of cable marking on black cable |
| Richtlinie 2011/65/EU (RoHS)                  | RoHS-konform / RoHS compliant                                                                                                                             | Directive 2011/65/EU (RoHS)            |
| <b>Umweltanforderungen</b>                    |                                                                                                                                                           | <b>Environment Requirements</b>        |
| <b>Schutz vor Eindringen</b>                  |                                                                                                                                                           | <b>Protection against ingress</b>      |
| Eindringen von Teilchen                       | IP2X                                                                                                                                                      | Particulate ingress                    |
| Wasser / Untertauchen                         | IPX0                                                                                                                                                      | Water / Immersion                      |
| <b>Klimatisch und chemisch</b>                |                                                                                                                                                           | <b>Climatical and chemical</b>         |
| Umgebungstemperatur                           | - 20 °C bis / to + 60 °C                                                                                                                                  | Ambient temperature                    |

| Technische Daten / Technical Data                      |                                                                        |                                                        |
|--------------------------------------------------------|------------------------------------------------------------------------|--------------------------------------------------------|
| Elektrische Eigenschaften                              |                                                                        | Electrical Characteristics                             |
| Verbindung                                             | siehe Schaltbild / see Connection Diagram                              | Connection                                             |
| Strombelastbarkeit bei 50 °C                           | 1 A                                                                    | Current carrying capacity at 50 °C                     |
| PoE+ gemäß IEEE 802.3at                                | Geeignet für Power over Ethernet+<br>Adequate for Power over Ethernet+ | PoE+ according to IEEE 802.3at                         |
| Übertragungstechnische Eigenschaften *                 |                                                                        | Transmission Performance *                             |
| Gigabit Ethernet gemäß IEE 802.3                       | Geeignet für Gigabit Ethernet<br>Adequate for gigabit Ethernet         | Gigabit Ethernet acc. to IEEE 802.3                    |
| Kategorie 5                                            | ISO/ICE 11801-1; DIN EN 50173-1                                        | Category 5                                             |
| Klasse D                                               | ISO/ICE 11801-1; DIN EN 50173-1                                        | Class D                                                |
| Kategorie 5e                                           | ANSI/TIA-568.2-D                                                       | Category 5e                                            |
| Normen                                                 |                                                                        | Standards                                              |
| Spezifikation für paarverseilte Geräteanschlusskabel** | IEC 61156-6<br>DIN EN 50288-2-2                                        | Specification for pair equipment connection cable**    |
| IP-Schutzarten                                         | IEC 60529                                                              | Degrees of protection provided by enclosures (IP code) |
| Rohkabel:<br>6 kV Stoßspannungsisolationsprüfung       | IEC 60664-1                                                            | Raw cable:<br>6 kV Surge voltage insulation test       |

\* Für alle aufgeführten Standards gelten die aktuellen und publizierten Ausgabebestände zum Zeitpunkt 19.10.2018

\* The editions of the aforementioned standards by the time of 19.10.2018 are valid.

\*\* Mehradrige metallische Daten- und Kontrollkabel für analoge und digitale Übertragung – Teil 2-2: Rahmenspezifikation für geschirmte Kabel bis 100 MHz – Geräteanschlusskabel und Schaltkabel

\*\* Multicore and symmetrical pair/quad cables for digital communications – Part 6: Symmetrical pair/quad cables with transmission characteristics up to 1000 MHz - Work area wiring – Sectional specification