

# Patch cord S/FTP Cat.6<sub>A</sub> MP8 FS 500, LSZH



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

## Knickschutztülle angespritzt / Strain relief moulded

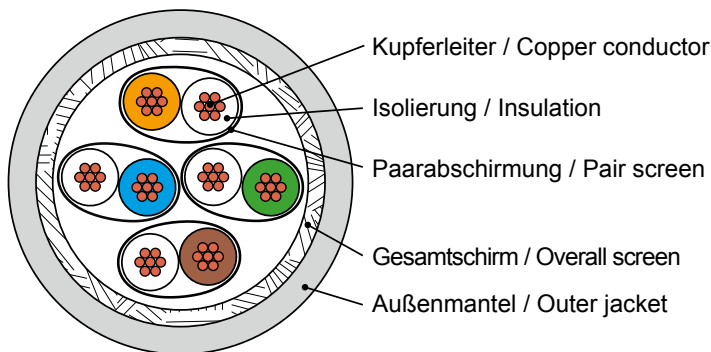


Rasthebelschutz / latch protection



Meterangabe / meter mark

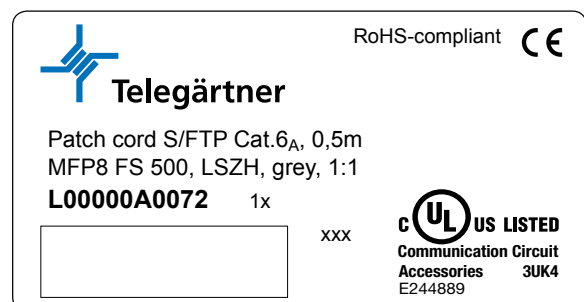
## Kabelaufbau / Construction Li-02YSCH 4x2xAWG27/7



## 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 differiert je nach Kabellänge

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



| Technische Daten / Technical Data             |   |  |
|---|---|--|
| <b>Steckverbinder-Norm</b>                    | IEC 60603-7-51  | <b>Connector standard</b>              |
| <b>Mechanische Eigenschaften</b>              |   | <b>Mechanical Characteristics</b>      |
| Steckkraft                                    | ≤ 30N   | Insertion force                        |
| Lebensdauer                                   | ≥ 750   | Life                                   |
| Kabelabzugskraft                              | min. 89 N   | Cable to plug tensile strength         |
| <b>Werkstoffe</b>                             |   | <b>Materials</b>                       |
| Steckergehäuse                                | PC UL94 V0 glasklar/crystal clear   | Connector housing                      |
| Adernvorsortierung                            | PC UL94 V0 glasklar/crystal clear   | Wire pair presorting                   |
| Kontakte                                      | Phosphor Bronze / phosphor bronze   | Contact                                |
| Kontaktoberfläche                             | min. 0,8 µm (30 µin.) Au über/<br>on 2,54 µm (100 µin.) Ni  | Contact finish                         |
| Schirmblech                                   | 0,5 mm Messing / 0.02 in. brass   | Shield                                 |
| Schirmblech Oberfläche                        | 2 µm (80 µin.) Ni   | Shield finish                          |
| Knickschutztülle                              | PVC UL94 V0   | Strain relief                          |
| Außenmantel                                   | LSZH  | Outer jacket                           |
| Kabeldurchmesser                              | 5,8 mm ±0,2 mm (0.228 in. ±0.008 in.)   | Cable outer diameter                   |
| Kabelaufschrift                               | TELEGÄRTNER S/FTP 4x2xAWG27/7<br>Cat.7 PATCH CABLE LSZH IEC 60332-1<br>E344985 AA c(UL)us CM 75°C | 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 |
| Gesamtschirm                                  | Cu-Geflecht, verzinkt / copper braid, tinned  | Overall screen                         |
| Paarabschirmung                               | Aluminium-beschichtete Kunststoff-Verbundfolie<br>Al-laminated plastic foil                       | Pair screen                            |
| Isolierung                                    | Foam Skin Polyethylene Ø1,02 mm ( Ø0.04 in.)  | Insulation                             |
| Kupferleiter                                  | Cu-Litze, blank / stranded bare copper wire<br>Ø 0,46 mm (0.018 in.) AWG 27/7                     | Copper conductor                       |
| Richtlinie 2011/65/EU (RoHS)                  | RoHS-konform / RoHS-compliant   | Directive 2011/65/EU (RoHS)            |
| <b>Umweltanforderungen</b>                    |   | <b>Environmental 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                           | -40°C bis / to +75°C  | Ambient temperature                    |
| Halogenfreiheit                               | IEC 60754-2   | Free from halogens                     |
| Flammwidrigkeit                               | IEC 60332-1, UL 444 CM  | Fire rating                            |

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| Elektrische Eigenschaften   |  | Electrical Characteristics                                      |
|---|--|---|
| Verbindung  | 1:1  | Connection  |
| <b>Spannungsfestigkeit</b>  |  | <b>Voltage proof</b>  |
| Kontakt-Kontakt   | ≥ 1000 V, DC   | Contact-contact   |
| Kontakt-Schirm  | ≥ 1500 V, DC   | Contact-shield  |
| <b>Strombelastbarkeit bei 50°C</b>  | 1 A  | <b>Current carrying capacity at 50°C</b>                        |
| <b>PoE+ gemäß IEEE 802.3at</b>  | Geeignet für Power over Ethernet+<br>Adequate for Power over Ethernet+ | <b>PoE+ according to IEEE 802.3at</b>                           |
| <b>Übertragungstechnische Eigenschaften</b>                               |  | <b>Transmission Performance</b>                                 |
| 10 Gigabit Ethernet gemäß IEEE 802.3an                                    | geeignet für 10 Gigabit Ethernet<br>Adequate for 10 Gigabit Ethernet   | 10 Gigabit Ethernet<br>acc. to IEEE 802.3an                     |
| Kategorie 6 <sub>A</sub>  | ISO/IEC 11801; DIN EN 50173-1  | Category 6 <sub>A</sub>   |
| Klasse E <sub>A</sub>   | ISO/IEC 11801; DIN EN 50173-1  | Class E <sub>A</sub>  |
| Kategorie 6A  | ANSI/TIA/EIA-568-C.2   | Category 6A   |
| <b>Normen</b>   |  | <b>Standards</b>  |
| Anwendungsneutrale Kommunikationskabelanlagen                             | ANSI/TIA/EIA-568-C.2<br>ISO/IEC 11801; DIN EN 50173-1                  | Generic cabling systems   |
| Spezifikation für paarverseilte Geräteanschlusskabel                      | IEC 61156-6<br>DIN EN 50288-4-2  | Specification for pair equipment connection cable               |
| Spezifikation für die Prüfung der symmetrischen Kommunikationsverkabelung | IEC 61935-3  | Specification for the testing of balanced communication cabling |
| IP-Schutzarten  | IEC 60529  | Degrees of protection provided by enclosures (IP code)          |
| <b>Zulassung</b>  |  | <b>Approval</b>   |
| GHMT  | PVP  | GHMT  |
| UL-gelistet   | E244889  | UL listed   |

## Kabelmantel und Tülle / cable jacket and strain relief

TG-Nummer und EAN-Nummer / TG P/N and EAN 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>RAL9011  | weiß<br>white<br>RAL 9003    | lila<br>purple<br>RAL4005    | Meterangabe auf<br>Knickschutztülle<br>meter mark on<br>strain relief | Verpackungseinheit<br>pro Karton<br>packing unit per box<br>(Stück/pieces) |
|-----------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---|--|
| 250       | L00000A0230<br>4018359378837 | L00000A0231<br>4018359378844 | L00000A0232<br>4018359378851 | L00000A0233<br>4018359378868 | L00000A0234<br>4018359378875 | L00000A0235<br>4018359378882 | L00000A0236<br>4018359378899 | L00000A0237<br>4018359378905 | 0.25M   | 200  |
| 500       | L00000A0072<br>4018359286026 | L00000A0073<br>4018359286033 | L00000A0074<br>4018359286040 | L00000A0075<br>4018359286057 | L00000A0076<br>4018359286064 | L00000A0077<br>4018359288150 | L00000A0130<br>4018359306298 | L00000A0238<br>4018359378912 | 0.5M  | 130  |
| 1000      | L00000A0081<br>4018359286453 | L00000A0082<br>4018359286460 | L00000A0083<br>4018359286477 | L00000A0084<br>4018359286484 | L00000A0085<br>4018359286491 | L00000A0086<br>4018359288167 | L00000A0131<br>4018359306304 | L00000A0226<br>4018359377076 | 1.0M  | 80   |
| 1500      | L00001A0090<br>4018359289126 | L00001A0168<br>4018359368913 | L00001A0167<br>4018359366742 | L00001A0129<br>4018359309671 | L00001A0092<br>4018359297473 | L00001A0169<br>4018359368920 | L00001A0171<br>4018359368937 | L00001A0195<br>4018359380649 | 1.5M  | 70   |
| 2000      | L00001A0084<br>4018359286507 | L00001A0085<br>4018359286514 | L00001A0086<br>4018359286521 | L00001A0087<br>4018359286538 | L00001A0088<br>4018359286545 | L00001A0089<br>4018359288174 | L00001A0123<br>4018359306311 | L00001A0194<br>4018359377083 | 2.0M  | 55   |
| 3000      | L00002A0112<br>4018359286552 | L00002A0113<br>4018359286569 | L00002A0114<br>4018359286576 | L00002A0115<br>4018359286583 | L00002A0116<br>4018359286590 | L00002A0117<br>4018359288181 | L00002A0141<br>4018359306328 | L00002A0195<br>4018359377090 | 3.0M  | 40   |
| 5000      | L00003A0055<br>4018359286606 | L00003A0056<br>4018359286613 | L00003A0057<br>4018359286620 | L00003A0058<br>4018359286637 | L00003A0059<br>4018359286644 | L00003A0060<br>4018359288198 | L00003A0085<br>4018359306335 | L00003A0147<br>4018359378936 | 5.0M  | 25   |
| 7500      | L00004A0054<br>4018359286651 | L00004A0055<br>4018359286668 | L00004A0056<br>4018359286675 | L00004A0057<br>4018359286682 | L00004A0058<br>4018359286699 | L00004A0060<br>4018359288204 | L00004A0071<br>4018359306342 | L00004A0134<br>4018359378943 | 7.5M  | 18   |
| 10000     | L00005A0027<br>4018359286705 | L00005A0028<br>4018359286712 | L00005A0029<br>4018359286729 | L00005A0030<br>4018359286736 | L00005A0031<br>4018359286743 | L00005A0032<br>4018359288211 | L00005A0051<br>4018359306359 | L00005A0103<br>4018359378950 | 10.0M   | 20   |
| 15000     | L00006A0033<br>4018359286750 | L00006A0037<br>4018359292201 | L00006A0041<br>4018359292249 | L00006A0045<br>4018359292287 | L00006A0049<br>4018359292324 | L00006A0053<br>4018359292362 | L00006A0303<br>4018359422752 |                              | 15.0M   | 15   |
| 20000     | L00006A0036<br>4018359292195 | L00006A0038<br>4018359292218 | L00006A0042<br>4018359292256 | L00006A0046<br>4018359292294 | L00006A0050<br>4018359292331 | L00006A0054<br>4018359292379 | L00006A0304<br>4018359422769 |                              | 20.0M   | 12   |
| 25000     | L00006A0034<br>4018359286767 | L00006A0039<br>4018359292225 | L00006A0043<br>4018359292263 | L00006A0047<br>4018359292300 | L00006A0051<br>4018359292348 | L00006A0055<br>4018359292386 | L00006A0305<br>4018359422776 |                              | 25.0M   | 10   |
| 50000     | L00006A0035<br>4018359286774 | L00006A0040<br>4018359292232 | L00006A0044<br>4018359292270 | L00006A0048<br>4018359292317 | L00006A0052<br>4018359292355 | L00006A0056<br>4018359292393 | L00006A0306<br>4018359422783 |                              | 50.0M   | 7  |