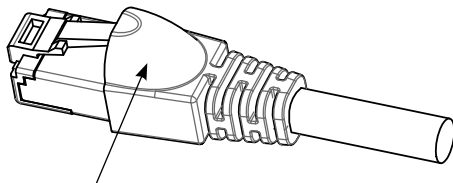


Patch cord S/FTP Cat.6_A MP8 FS 500, LSZH



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

Knickschutztülle angespritzt / Strain relief moulded



Rasthebelschutz / latch protection



Meterangabe / meter mark

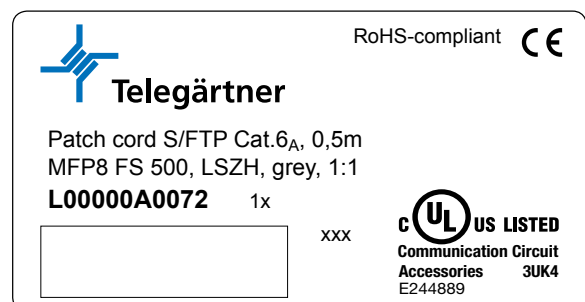
Kabelaufbau / Construction Li-02YSCH 4x2xAWG27/7



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

| Steckverbinder-Norm | IEC 60603-7-51 | Connector standard |
|---|---|--|
| Mechanische Eigenschaften | | Mechanical Characteristics |
| Steckkraft | ≤ 30N | Insertion force |
| Lebensdauer | ≥ 750 | Life |
| Kabelabzugskraft | min. 89 N | Cable to plug tensile strength |
| Werkstoffe | | Materials |
| 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/ 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 Cat.7 PATCH CABLE LSZH IEC 60332-1 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 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 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) |
| Umweltanforderungen | | Environmental Requirements |
| Schutz vor Eindringen | | Protection against ingress |
| Eindringen von Teilchen | IP2X | Particulate ingress |
| Wasser / Untertauchen | IPX0 | Water / Immersion |
| Klimatisch und chemisch | | Climatical and chemical |
| 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 |

Patch cord S/FTP Cat.6_A MP8 FS 500, LSZH



| Elektrische Eigenschaften | | Electrical Characteristics |
|---|--|---|
| Verbindung | 1:1 | Connection |
| Spannungsfestigkeit | | Voltage proof |
| Kontakt-Kontakt | ≥ 1000 V, DC | Contact-contact |
| Kontakt-Schirm | ≥ 1500 V, DC | Contact-shield |
| Strombelastbarkeit bei 50°C | 1 A | Current carrying capacity at 50°C |
| PoE+ gemäß IEEE 802.3at | Geeignet für Power over Ethernet+ Adequate for Power over Ethernet+ | PoE+ according to IEEE 802.3at |
| Übertragungstechnische Eigenschaften | | Transmission Performance |
| 10 Gigabit Ethernet gemäß IEEE 802.3an | geeignet für 10 Gigabit Ethernet Adequate for 10 Gigabit Ethernet | 10 Gigabit Ethernet acc. to IEEE 802.3an |
| Kategorie 6 _A | ISO/IEC 11801; DIN EN 50173-1 | Category 6 _A |
| Klasse E _A | ISO/IEC 11801; DIN EN 50173-1 | Class E _A |
| Kategorie 6A | ANSI/TIA/EIA-568-C.2 | Category 6A |
| Normen | | Standards |
| Anwendungsneutrale Kommunikationskabelanlagen | ANSI/TIA/EIA-568-C.2 ISO/IEC 11801; DIN EN 50173-1 | Generic cabling systems |
| Spezifikation für paarverseilte Geräteanschlusskabel | IEC 61156-6 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) |
| Zulassung | | Approval |
| 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 (mm) | grau grey RAL 7035 | grün green RAL 6024 | rot red RAL 3018 | blau blue RAL 5015 | gelb yellow RAL 1018 | schwarz black RAL9011 | weiß white RAL 9003 | lila purple RAL4005 | Meterangabe auf Knickschutztülle meter mark on strain relief | Verpackungseinheit pro Karton packing unit per box (Stück/pieces) |
|-----------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|---|--|
| 250 | L00000A0230 4018359378837 | L00000A0231 4018359378844 | L00000A0232 4018359378851 | L00000A0233 4018359378868 | L00000A0234 4018359378875 | L00000A0235 4018359378882 | L00000A0236 4018359378899 | L00000A0237 4018359378905 | 0.25M | 200 |
| 500 | L00000A0072 4018359286026 | L00000A0073 4018359286033 | L00000A0074 4018359286040 | L00000A0075 4018359286057 | L00000A0076 4018359286064 | L00000A0077 4018359288150 | L00000A0130 4018359306298 | L00000A0238 4018359378912 | 0.5M | 130 |
| 1000 | L00000A0081 4018359286453 | L00000A0082 4018359286460 | L00000A0083 4018359286477 | L00000A0084 4018359286484 | L00000A0085 4018359286491 | L00000A0086 4018359288167 | L00000A0131 4018359306304 | L00000A0226 4018359377076 | 1.0M | 80 |
| 1500 | L00001A0090 4018359289126 | L00001A0168 4018359368913 | L00001A0167 4018359366742 | L00001A0129 4018359309671 | L00001A0092 4018359297473 | L00001A0169 4018359368920 | L00001A0171 4018359368937 | L00001A0195 4018359380649 | 1.5M | 70 |
| 2000 | L00001A0084 4018359286507 | L00001A0085 4018359286514 | L00001A0086 4018359286521 | L00001A0087 4018359286538 | L00001A0088 4018359286545 | L00001A0089 4018359288174 | L00001A0123 4018359306311 | L00001A0194 4018359377083 | 2.0M | 55 |
| 3000 | L00002A0112 4018359286552 | L00002A0113 4018359286569 | L00002A0114 4018359286576 | L00002A0115 4018359286583 | L00002A0116 4018359286590 | L00002A0117 4018359288181 | L00002A0141 4018359306328 | L00002A0195 4018359377090 | 3.0M | 40 |
| 5000 | L00003A0055 4018359286606 | L00003A0056 4018359286613 | L00003A0057 4018359286620 | L00003A0058 4018359286637 | L00003A0059 4018359286644 | L00003A0060 4018359288198 | L00003A0085 4018359306335 | L00003A0147 4018359378936 | 5.0M | 25 |
| 7500 | L00004A0054 4018359286651 | L00004A0055 4018359286668 | L00004A0056 4018359286675 | L00004A0057 4018359286682 | L00004A0058 4018359286699 | L00004A0060 4018359288204 | L00004A0071 4018359306342 | L00004A0134 4018359378943 | 7.5M | 18 |
| 10000 | L00005A0027 4018359286705 | L00005A0028 4018359286712 | L00005A0029 4018359286729 | L00005A0030 4018359286736 | L00005A0031 4018359286743 | L00005A0032 4018359288211 | L00005A0051 4018359306359 | L00005A0103 4018359378950 | 10.0M | 20 |
| 15000 | L00006A0033 4018359286750 | L00006A0037 4018359292201 | L00006A0041 4018359292249 | L00006A0045 4018359292287 | L00006A0049 4018359292324 | L00006A0053 4018359292362 | L00006A0303 4018359422752 | | 15.0M | 15 |
| 20000 | L00006A0036 4018359292195 | L00006A0038 4018359292218 | L00006A0042 4018359292256 | L00006A0046 4018359292294 | L00006A0050 4018359292331 | L00006A0054 4018359292379 | L00006A0304 4018359422769 | | 20.0M | 12 |
| 25000 | L00006A0034 4018359286767 | L00006A0039 4018359292225 | L00006A0043 4018359292263 | L00006A0047 4018359292300 | L00006A0051 4018359292348 | L00006A0055 4018359292386 | L00006A0305 4018359422776 | | 25.0M | 10 |
| 50000 | L00006A0035 4018359286774 | L00006A0040 4018359292232 | L00006A0044 4018359292270 | L00006A0048 4018359292317 | L00006A0052 4018359292355 | L00006A0056 4018359292393 | L00006A0306 4018359422783 | | 50.0M | 7 |