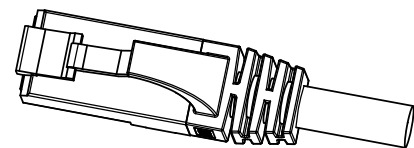
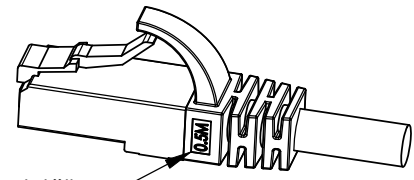
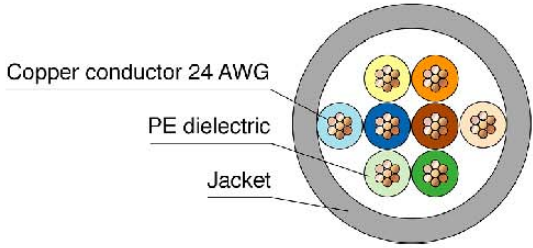


Meterangabe auf Knickschütztülle
meter mark on strain relief



Kabelaufbau
Li2YY 4x2xAWG24/7



| Verpackung | Packing |
|---|--|
| 1 Stück im PE-Beutel mit Etikett. Umverpackung: Karton (Außenmaße: 275 mm x 295 mm x 380 mm). Umverpackungsmenge differiert je nach Kabellänge. | 1 piece in PE bag with label. outer packaging: carton (outside dimensions: 275 mm x 295 mm x 380 mm). outer packing unit differs according to cable length. |

| | | | | | | | | | | |
|------------------|------------------------------------|-------------|---|--|----------------------------|------------|---------------------|--|--------------------------|----------------------|
| | | | | 2010 | Datum/ date | Name/ name | Gewicht/ weight [g] | Oberfläche/ surface [mm ²] | Werkstoff/ material | |
| | | | | gez./ drawn | 08.06. | BM | | | | |
| | | | | gepr./ appr. | 09.06.10 | HI | | | Oberfläche/ finish | |
| | | | | Norm/ stand. | | | | | | |
| | | | Maßstab/ scale | Benennung/ title | | | | | | |
| | | | 1:1 | Modular Patch Cable U/UTP Cat.5e MP8 100 | | | | | | |
| | | | untol. Maße/ dim. without tolerances according to | Untert./ doc. type | Zeichnungsnr./ drawing no. | | | | | Maße/ dimensions: mm |
| | | | | D | L00000E0010 | | | | | |
| Änd./ rev. index | Änderungsmittellung/ revision code | Datum/ date | Name/ name | Ersatz für/ replaces | | | | | Original : DIN A4 | |
| | | | | | | | | | Blatt/ sheet 1 von/ of 5 | |

Kabelmantel und Tülle in grau / cable jacket and strain relief in grey


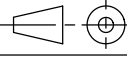
| L (mm) | TG-Nr. TG P/N | Kurzbezeichnung short name | Meterangabe auf Knickschutztülle meter mark on strain relief | Verpackungseinheit pro Karton packing unit per box |
|--------|------------------|-------------------------------|---|---|
| 500 | L00000E0010 | MP8 100-0,5 m | 0.5M | 180 Stück / pieces |
| 1000 | L00000E0011 | MP8 100-1,0 m | 1.0M | 120 Stück / pieces |
| 1500 | L00001E0007 | MP8100-1,5 m | 1.5M | 100 Stück / pieces |
| 2000 | L00001E0005 | MP8100-2,0 m | 2.0M | 80 Stück / pieces |
| 3000 | L00002E0004 | MP8 100-3,0 m | 3.0M | 60 Stück / pieces |
| 5000 | L00003E0003 | MP8 100-5,0 m | 5.0M | 45 Stück / pieces |
| 7500 | L00004E0003 | MP8 100-7,5 m | 7.5M | 35 Stück / pieces |
| 10000 | L00005E0003 | MP8 100-10,0 m | 10.0M | 30 Stück / pieces |
| 15000 | L00006E0015 | MP8 100-15,0 m | 15.0M | 20 Stück / pieces |
| 25000 | L00006E0019 | MP8 100-25,0 m | 25.0M | 15 Stück / pieces |
| 50000 | L00006E0020 | MP8 100-50,0 m | 50.0M | 7 Stück / pieces |

Kabelmantel und Tülle in grün / cable jacket and strain relief in green

| L (mm) | TG-Nr. TG P/N | Kurzbezeichnung short name | Meterangabe auf Knickschutztülle meter mark on strain relief | Verpackungseinheit pro Karton packing unit per box |
|--------|------------------|-------------------------------|---|---|
| 250 | L00000E0003 | MP8 100-0,25 m | 0.25M | 250 Stück / pieces |
| 500 | L00000E0064 | MP8 100-0,5 m | 0.5M | 180 Stück / pieces |
| 1000 | L00000E0069 | MP8 100-1,0 m | 1.0M | 120 Stück / pieces |
| 2000 | L00001E0068 | MP8100-2,0 m | 2.0M | 80 Stück / pieces |
| 3000 | L00002E0102 | MP8 100-3,0 m | 3.0M | 60 Stück / pieces |
| 5000 | L00003E0049 | MP8 100-5,0 m | 5.0M | 45 Stück / pieces |
| 7500 | L00004E0052 | MP8 100-7,5 m | 7.5M | 35 Stück / pieces |
| 10000 | L00005E0026 | MP8 100-10,0 m | 10.0M | 30 Stück / pieces |

Kabelmantel und Tülle in rot / cable jacket and strain relief in red

| L (mm) | TG-Nr. TG P/N | Kurzbezeichnung short name | Meterangabe auf Knickschutztülle meter mark on strain relief | Verpackungseinheit pro Karton packing unit per box |
|--------|------------------|-------------------------------|---|---|
| 500 | L00000E0065 | MP8 100-0,5 m | 0.5M | 180 Stück / pieces |
| 1000 | L00000E0070 | MP8 100-1,0 m | 1.0M | 120 Stück / pieces |
| 2000 | L00001E0069 | MP8100-2,0 m | 2.0M | 80 Stück / pieces |
| 3000 | L00002E0103 | MP8 100-3,0 m | 3.0M | 60 Stück / pieces |
| 5000 | L00003E0050 | MP8 100-5,0 m | 5.0M | 45 Stück / pieces |
| 7500 | L00004E0053 | MP8 100-7,5 m | 7.5M | 35 Stück / pieces |
| 10000 | L00005E0027 | MP8 100-10,0 m | 10.0M | 30 Stück / pieces |

| | | | | | | | | | |
|------------------------|--------------------------------------|--|---|----------------------------|-------------|------------|---------------------------|---|--|
| | | | | 2010 | Datum/ date | Name/ name | Gewicht/ weight [g] | Oberfläche/ surface [mm ²] | Werkstoff/ material |
| | | | | gez./ drawn | 08.06. | BM | | | |
| | | | | gepr./ appr. | 09.06.10 | HI | | | Oberfläche/ finish |
| | | | | Norm/ stand. | | | | | |
| | | Maßstab/ scale | Benennung/ title | | | | |  | |
| | | | Modular Patch Cable U/UTP Cat.5e MP8 100 | | | | | | |
| | | untol. Maße/ dim. without tolerances according to | Untert./ doc. type | Zeichnungsnr./ drawing no. | | | | | |
| | | | D | L00000E0010 | | | | |  Maße/ dimensions: mm |
| Änd./ rev. index | Änderungsmittelung/ revision code | Datum/ date | Name/ name | Ersatz für/ replaces | | | | | Original : DIN A4 Blatt/ sheet 2 von/ of 5 |

Kabelmantel und Tülle in blau / cable jacket and strain relief in blue


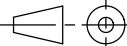
| L (mm) | TG-Nr. TG P/N | Kurzbezeichnung short name | Meterangabe auf Knickschutztülle meter mark on strain relief | Verpackungseinheit pro Karton packing unit per box |
|--------|------------------|-------------------------------|---|---|
| 500 | L00000E0063 | MP8 100-0,5 m | 0.5M | 180 Stück / pieces |
| 1000 | L00000E0068 | MP8 100-1,0 m | 1.0M | 120 Stück / pieces |
| 2000 | L00001E0067 | MP8100-2,0 m | 2.0M | 80 Stück / pieces |
| 3000 | L00002E0101 | MP8 100-3,0 m | 3.0M | 60 Stück / pieces |
| 5000 | L00003E0048 | MP8 100-5,0 m | 5.0M | 45 Stück / pieces |
| 7500 | L00004E0051 | MP8 100-7,5 m | 7.5M | 35 Stück / pieces |
| 10000 | L00005E0025 | MP8 100-10,0 m | 10.0M | 30 Stück / pieces |

Kabelmantel und Tülle in gelb / cable jacket and strain relief in yellow

| L (mm) | TG-Nr. TG P/N | Kurzbezeichnung short name | Meterangabe auf Knickschutztülle meter mark on strain relief | Verpackungseinheit pro Karton packing unit per box |
|--------|------------------|-------------------------------|---|---|
| 500 | L00000E0066 | MP8 100-0,5 m | 0.5M | 180 Stück / pieces |
| 1000 | L00000E0071 | MP8 100-1,0 m | 1.0M | 120 Stück / pieces |
| 2000 | L00001E0070 | MP8100-2,0 m | 2.0M | 80 Stück / pieces |
| 3000 | L00002E0104 | MP8 100-3,0 m | 3.0M | 60 Stück / pieces |
| 5000 | L00003E0051 | MP8 100-5,0 m | 5.0M | 45 Stück / pieces |
| 7500 | L00004E0054 | MP8 100-7,5 m | 7.5M | 35 Stück / pieces |
| 10000 | L00005E0028 | MP8 100-10,0 m | 10.0M | 30 Stück / pieces |


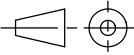
Kabelmantel und Tülle in schwarz / cable jacket and strain relief in black

| L (mm) | TG-Nr. TG P/N | Kurzbezeichnung short name | Meterangabe auf Knickschutztülle meter mark on strain relief | Verpackungseinheit pro Karton packing unit per box |
|--------|------------------|-------------------------------|---|---|
| 500 | L00000E0000 | MP8 100-0,5 m | 0.5M | 180 Stück / pieces |
| 1000 | L00000E0001 | MP8 100-1,0 m | 1.0M | 120 Stück / pieces |
| 2000 | L00001E0000 | MP8100-2,0 m | 2.0M | 80 Stück / pieces |
| 3000 | L00002E0000 | MP8 100-3,0 m | 3.0M | 60 Stück / pieces |
| 5000 | L00003E0000 | MP8 100-5,0 m | 5.0M | 45 Stück / pieces |
| 7500 | L00004E0000 | MP8 100-7,5 m | 7.5M | 35 Stück / pieces |
| 10000 | L00005E0000 | MP8 100-10,0 m | 10.0M | 30 Stück / pieces |


| | | | | | | | | | |
|------------------------|--------------------------------------|--|---|----------------------------|-------------|------------|---------------------------|---|--|
| | | | | 2010 | Datum/ date | Name/ name | Gewicht/ weight [g] | Oberfläche/ surface [mm ²] | Werkstoff/ material |
| | | | | gez./ drawn | 08.06. | BM | | | |
| | | | | gepr./ appr. | 09.06.10 | HI | | | Oberfläche/ finish |
| | | | | Norm/ stand. | | | | | |
| | | Maßstab/ scale | Benennung/ title | | | | |  | |
| | | | Modular Patch Cable U/UTP Cat.5e MP8 100 | | | | | | |
| | | untol. Maße/ dim. without tolerances according to | Untert./ doc. type | Zeichnungsnr./ drawing no. | | | | | |
| | | | D | L00000E0010 | | | | |  Maße/ dimensions: mm |
| And./ rev. index | Änderungsmittelung/ revision code | Datum/ date | Name/ name | Ersatz für/ replaces | | | | | Original : DIN A4 Blatt/ sheet 3 von/ of 5 |

Technische Daten / Technical Data

| | | |
|---|---|--|
| Steckverbinder-Norm | IEC 60603-7-2 | Connector standard |
| Mechanische Eigenschaften | | Mechanical Characteristics |
| Steckkraft | ≤ 20N | 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 (30µin) Au Über / on 2,54 µm (100µin) Ni | Contact finish |
| Knickschütztülle | PVC UL94 V0 | Strain relief |
| Kabelmantel | PVC | Outer jacket |
| Kabeldurchmesser | 5,4 mm ±0,2 mm (0.213 in. ±0.008in.) | Cable outer diameter |
| Kabelaufschrift | TELEGÄRTNER U/UTP CAT5E PATCH CABLE 4x2xAWG24/7 UL AWM STYLE 2835 30V 60°C IEC 60332-1 E81280-D | 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 |
| Ader | PE Ø0,96 mm (Ø0.038 in.) | Insulation |
| Cu-Leiterdurchmesser | Litze / stranded 0,56 (0.022 in.)AWG 24/7 | Cu-conductor diameter |
| EG Richtlinie 2002/95/EG (RoHS) | RoHS-konform / RoHS-compliant | EC Directive 2002/95/EC (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 | -20°C bis / to +60°C | Ambient temperature |
| Flammwidrigkeit | gemäß / acc. to IEC 60332-1 | Resistance to spread of flame |
| Elektrische Eigenschaften | | Electrical Characteristics |
| Verbindung | 1:1 | Connection |
| Spannungsfestigkeit | | Voltage proof |
| Kontakt-Kontakt | ≥ 1000 V, DC | Contact-contact |
| 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 |

| | | | | | | | | | |
|------------------------|--------------------------------------|----------------|---------------|--|---|----------------------------|---------------------------|---|--|
| | | | | 2010 | Datum/ date | Name/ name | Gewicht/ weight [g] | Oberfläche/ surface [mm ²] | Werkstoff/ material |
| | | | | gez./ drawn | 08.06. | BM | | | |
| | | | | gepr./ appr. | 09.06.10 | HI | | | Oberfläche/ finish |
| | | | | Norm/ stand. | | | | | |
| | | | | Maßstab/ scale | Benennung/ title | | | |  |
| | | | | | Modular Patch Cable U/UTP Cat.5e MP8 100 | | | | |
| | | | | untol. Maße/ dim. without tolerances according to | Untert./doc. type | Zeichnungsnr./ drawing no. | | |  Maße/ dimensions: mm |
| | | | | | D | L00000E0010 | | | |
| Änd./ rev. index | Änderungsmittelung/ revision code | Datum/ date | Name/ name | Ersatz für/ replaces | | | | Original : DIN A4 Blatt/ sheet 4 von/ of 5 | |

| Übertragungstechnische Eigenschaften | | Transmission Performance |
|---|--|--|
| Gigabit Ethernet gemäß IEEE 802.3af | geeignet für Gigabit Ethernet adequate for Gigabit Ethernet | Gigabit Ethernet acc. IEEE 802.3af |
| Klasse D | ANSI/TIA/EIA-568-C.2 ISO/IEC 11801 DIN EN 50173-1 | Class D |
| Kategorie 5 | ANSI/TIA/EIA-568-C.2 | Category 5 |
| 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 50288-3-2 | Specification for pair equipment connection cable |
| Spezifikation für die Prüfung der symmetrischen Kommunikations- verkabelung | IEC 61935-3 | Specification for the testing of balanced communication cabling |
| IP-Schutzarten | IEC 60529 | Degrees of protection provided by enclosures (IP code) |

| | | | | | | | | | | | |
|------------------------|--------------------------------------|----------------|---------------------------------|---|-------------------------------|--|---------------------------|--|---|--|--|
| | | | | 2010 | Datum/ date | Name/ name | Gewicht/ weight [g] | Oberfläche/ surface [mm ²] | Werkstoff/ material | | |
| | | | | gez./ drawn | 08.06. | BM | | | | | |
| | | | | gepr./ appr. | 09.06.10 | HI | | | Oberfläche/ finish | | |
| | | | | Norm/ stand. | | | | | | | |
| | | | Maßstab/ scale 1:1 | Benennung/ title Modular Patch Cable U/UTP Cat.5e MP8 100 | | | | |  | | |
| | | | | untol. Maße/ dim. without tolerances according to | Untert./doc. type D | Zeichnungsnr./ drawing no. L00000E0010 | | | | | |
| Änd./ rev. index | Änderungsmittelung/ revision code | Datum/ date | Name/ name | Ersatz für/ replaces | | | | | Original : DIN A4 | | |
| | | | | | | | | | Blatt/ sheet 5 von/ of 5 | | |