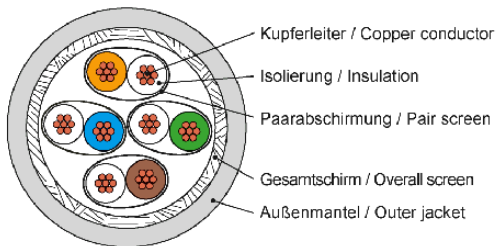
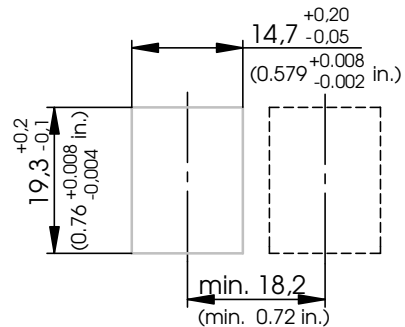


| Länge/length L (mm) | <500 | ≥500 | >1500 | >2500 | >5000 | >8000 | >15000 | >20000 | >50000 | >100000 |
|------------------------|------|------|-------|-------|-------|-------|--------|--------|--------|---------|
| Tol. | ±10 | ±20 | ±25 | ±40 | ±60 | ±100 | ±200 | ±300 | ±500 | ±500 |

Kabelaufbau / Cable design
S/FTP
LI02YSCH 4x2xAWG27/7



AMJ-Modul / module
Einbaumaße (max. und min.)
mounting dimension (max. and min.)

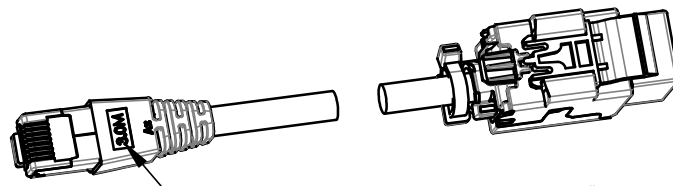


Materialdicke 1,5±0,05 mm
wall thickness 1,5±0,05 mm (0.059±0.002 in.)

| Verpackung | Packing |
|--|--|
| 1 Stück im PE-Beutel mit Etikett. Umverpackung für Kabel ≤ 7,5 m: Karton: 385 mm x 295 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 295 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. |

| | | | | | | | | | |
|------------------------|---------------------------------------|----------------|---------------|--|--------------------------------|----------------------------|---------------------------|--|------------------------|
| | | | | 2010 | Datum/ date | Name/ name | Gewicht/ weight (g) | Oberfläche/ surface (mm ²) | Werkstoff/ material |
| | | | | gez./ drawn | 10.03. | KA | | | |
| | | | | gepr./ appr. | 06.07.10 | HI | | | Oberfläche/ finish |
| | | | | Norm/ stand. | | | | | |
| | | | | Maßstab/ scale | Benennung/ title | | | | |
| | | | | 1:1 | AMJ Cat.6 _A CP-Link | | | | |
| d | 24511 | 08.01.13 | AS | untol. Maße/ dim. without tolerances according to | Untert./doc. type | Zeichnungsnr./ drawing no. | | | |
| c | 23278 | 13.10.11 | AS | | D | L00002A0194 | | | |
| b | 22772 | 12.04.11 | AS | | | | | | |
| a | 22131 | 30.08.10 | AS | | | | | | |
| Änd./ rev. index | Änderungsmittellung/ revision code | Datum/ date | Name/ name | Ersatz für/ replaces | | | | | |
| | | | | | | | | | |
| | | | | | | | | Maße/ dimensions: mm | |
| | | | | | | | | Original : DIN A4 | |
| | | | | | | | | Blatt/ sheet 1 von/ of 4 | |

ohne Maßstab
without scale



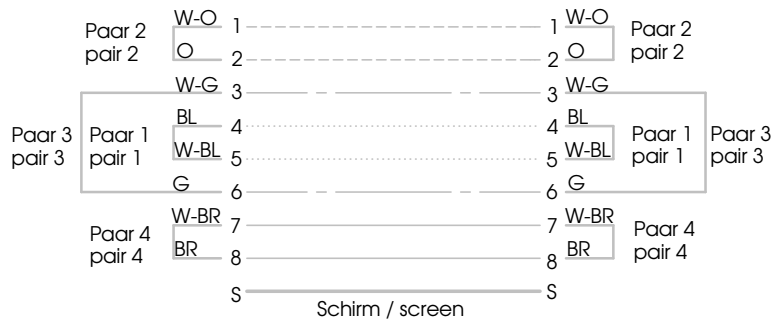
Beispiel der Meterangabe auf Knickschutztülle
example of meter mark on strain relief

Schaltbild / Connection Diagram

Belegung / pin assignment T568B

Seite 1 / side
RJ45-Stecker
RJ45 plug

Seite 1 / side
AMJ-Modul
AMJ module




| 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 |
|--------|----------------|--------------------------------------|---|---|
| 3000 | L00002A0194 | AMJ Cat.6 _A CP-Link-3,0m | 3.0M | 40 Stück / pieces |
| 5000 | L00003A0145 | AMJ Cat.6 _A CP-Link-5,0m | 5.0M | 25 Stück / pieces |
| 7500 | L00004A0128 | AMJ Cat.6 _A CP-Link-7,5m | 7.5M | 16 Stück / pieces |
| 10000 | L00005A0102 | AMJ Cat.6 _A CP-Link-10,0m | 10.0M | 18 Stück / pieces |
| 15000 | L00006A0185 | AMJ Cat.6 _A CP-Link-15,0m | 15.0M | 12 Stück / pieces |



| | | | | | | | | | |
|------------------------|---------------------------------------|----------------|---------------|--|--------------------------------|----------------------------|---------------------------|--|---|
| d c b a | 24511 | 08.01.13 | AS | 2010 | Datum/ date | Name/ name | Gewicht/ weight (g) | Oberfläche/ surface (mm ²) | Werkstoff/ material |
| | 23278 | 13.10.11 | AS | gez./ drawn | 10.03. | KA | | | |
| | 22772 | 12.04.11 | AS | gepr./ appr. | 06.07.10 | HI | | | Oberfläche/ finish |
| | 22131 | 30.08.10 | AS | Norm/ stand. | | | | | |
| | | | | Maßstab/ scale | Benennung/ title | | | | |
| | | | | o.M | AMJ Cat.6 _A CP-Link | | | | |
| | | | | untol. Maße/ dim. without tolerances according to | Untert./doc. type | Zeichnungsnr./ drawing no. | | | |
| | | | | | D | L00002A0194 | | | Maße/ dimensions: mm |
| Änd./ rev. index | Änderungsmittellung/ revision code | Datum/ date | Name/ name | Ersatz für/ replaces | | | | | Original : DIN A4 Blatt/ sheet 2 von/ of 4 |

Technische Daten / Technical Data

| | | |
|--|--|---------------------------------------|
| Steckverbinder-Norm | IEC 60603-7-51 | Connector standard |
| Mechanische Eigenschaften | | Mechanical Characteristics |
| Steckkraft | ≤ 30N | Insertion force |
| Lebensdauer (Steckzyklen RJ45 ,RJ12, RJ11) | ≥ 750 | Life (mating cycles RJ45, RJ12, RJ11) |
| Kabelabzugskraft | min. 89 N | Cable to plug tensile strength |
| Werkstoffe | | Materials |
| Gehäuse - AMJ-Modul | Zinkdruckguss / zinc diecast | Housing - AMJ-Module |
| Schirmblech - AMJ-Modul | Neusilber / German silver | Shield - AMJ-Module |
| Rasthaken - AMJ-Modul | PC UL94 V0 schwarz / black | Snap-in hook - AMJ-Module |
| Adernvorsortierung - AMJ-Modul | PBT natur / nature | Wire pair presorting - AMJ-Module |
| Isolierplatte - AMJ-Modul | PBT natur / nature | Insulating plate - AMJ-Module |
| Isolierkörper - AMJ-Modul | PBT natur / nature | Insulation body - AMJ-Module |
| Leiterplatte - AMJ-Modul | FR4 | PCB - AMJ-Module |
| Oberfläche Leiterplatte - AMJ-Modul | chem. verzinkt / chem. tin-plated | PCB finish - AMJ-Module |
| Kontaktfeder - AMJ-Modul | Federstahl / spring steel | Contact spring - AMJ-Module |
| Oberfläche Kontaktfeder - AMJ-Modul | min. 0,8 µm (30 µin) Au über / on 1,2 µm (50 µin) Ni | Contact spring finish - AMJ-Module |
| Schneidklemmkontakt - AMJ-Modul | CuNi2Si | IDC - AMJ-Module |
| Oberfläche Schneidklemmkontakt - AMJ-Modul | min. 3-6 µm (120-240 µin) Sn | IDC finish - AMJ-Module |
| Kabelbinder - AMJ-Modul | PA UL94 V2 | Cable tie - AMJ-Module |
| Gehäuse - Stecker | PC UL94 V0 glasklar/crystal clear | Housing - Plug |
| Schirmblech - Stecker | 0,5 mm Messing / 0.02 in. brass | Shield - Plug |
| Adernvorsortierung - Stecker | PC UL94 V0 glasklar/crystal clear | Wire pair presorting - Plug |
| Schirmblech Oberfläche - Stecker | 2 µm (80 µin) Ni | Shield finish - Plug |
| Kontaktfeder - Stecker | Phosphor Bronze / phosphor bronze | Contact spring - Plug |
| Oberfläche Kontaktfeder - Stecker | min. 0,8 µm (30 µin) Au über / on 2,54 µm (100 µin) Ni | Contact spring finish - Plug |
| Knickschutzfülle | PVC UL94 V0 | Strain relief |
| Kabelmantel | LSZH grau / grey | 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 |
| Paarabschirmung | Aluminium-beschichtete Kunststoff-Verbundfolie Al-laminated plastic foil | Pair screen |
| Gesamtshield | Cu-Geflecht, verzinkt / copper braid, tinned | Overall screen |
| Isolierung | geschäumtes / foamed PE Ø 1,02 mm (Ø 0.04 in.) | Insulation |
| Kupferleiter | Cu-Litze, blank / stranded bare copper wire Ø 0,41 (0,016 in.) AWG 27/7 | Copper conductor |
| 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 | -40°C bis / to +75°C | Ambient temperature |
| Halogenfreiheit | IEC 60754-2 | Free from halogens |
| Flammwidrigkeit | IEC 60332-1; UL 444 CM | Resistance to spread of flame |

| | | | | | |
|---|--------------------------------------|----------------------------|---------------------|--|---------------------|
| 2010 | Datum/ date | Name/ name | Gewicht/ weight (g) | Oberfläche/ surface (mm ²) | Werkstoff/ material |
| | gez./ drawn | 10.03. | KA | | |
| 2010 | gepr./ appr. | 06.07.10 | HI | | Oberfläche/ finish |
| | Norm/ stand. | | | | |
| Maßstab/ scale | Benennung/ title | | | | |
| | AMJ Cat.6_A CP-Link | | | | |
| untol. Maße/ dim. without tolerances according to | Untert./ doc. type | Zeichnungsnr./ drawing no. | | | |
| | D | L00002A0194 | | | |
| Änd./ rev. index | Änderungsmittellung/ revision code | Datum/ date | Name/ name |  Maße/ dimensions: mm Original : DIN A4 Blatt/ sheet 3 von/ of 4 | |
| d | 24511 | 08.01.13 | AS | | |
| c | 23278 | 13.10.11 | AS | | |
| b | 22772 | 12.04.11 | AS | | |
| a | 22131 | 30.08.10 | AS | | |

| 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 |
| Klasse E _A | ISO/IEC 11801; DIN EN 50173-1 | Class E _A |
| Kategorie 6A | ANSI/TIA/EIA-568-C.2 | Category 6A |
| Prüfung mit Fluke DTX 1800 | Permanent Link nach ISO/IEC 11801 Klasse E _A Test mit 15 m Referenzlink (3-Connector Permanent Link) L ≤ 3m Verdrahtung nach ANSI/TIA/EIA-568-C.2 Permanent Link acc. to ISO/IEC 11801 Class E _A Test with 15m reference Link (3-Connector Permanent Link) L ≤ 3m wiring acc. to ANSI/TIA/EIA-568-C.2 | Testing with Fluke DTX 1800 |
| Normen | | Standards |
| Anwendungsneutrale Kommunikationskabelanlagen | ISO/IEC 11801 DIN EN 50173-1 ANSI/TIA/EIA-568-C.2 | Generic cabling systems |
| Spezifikation für paarverseilte Geräteanschlusskabel | IEC 61156-6 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) |

| | | | | | | | | | | | |
|--|----------------------------------|--|----------------------|--|-------------------|----------------------------|---------------------------|--|------------------------|-------------------------|--|
| d c b a | 24511 23278 22772 22131 | 08.01.13 13.10.11 12.04.11 30.08.10 | AS AS AS AS | 2010 | Datum/ date | Name/ name | Gewicht/ weight (g) | Oberfläche/ surface (mm ²) | Werkstoff/ material | | |
| | | | | gez./ drawn | 10.03. | KA | | | | | |
| | | | | gepr./ appr. | 06.07.10 | HI | Oberfläche/ finish | | | | |
| | | | | Norm/ stand. | | | | | | | |
| | | | | Maßstab/ scale | Benennung/ title | | | | | | |
| | | | | AMJ Cat.6 _A CP-Link | | | | | | | |
| | | | | untol. Maße/ dim. without tolerances according to | Untert./doc. type | Zeichnungsnr./ drawing no. | | | | | |
| | | | | D | | L00002A0194 | | | | | |
| Änd./ rev. Index | | | | Änderungsmittellung/ revision code | | Datum/ date | | Name/ name | | Ersatz für/ replaces | |
|  | | | | | | | | | | | |
|  Maße/ dimensions: mm | | | | | | | | | | | |
| Original : DIN A4 | | | | | | | | | | | |
| Blatt/ sheet 4 von/ of 4 | | | | | | | | | | | |