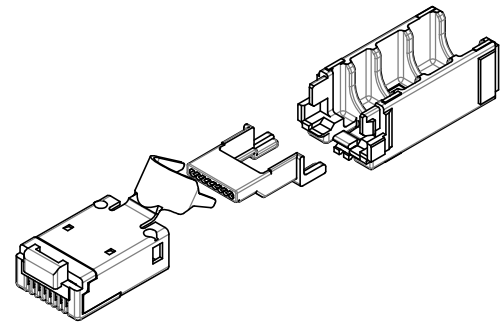


Maßstab/scale
1:1



| | | |
|---|----------------------|---|
| Verpackung | | Packing |
| 1 Stück im PE-Beutel mit Montagehinweis | | 1 piece in PE bag with mounting information |
| Montageanleitung siehe | www.telegaertner.com | Mounting instruction see |

Optional

Crimpzange / Crimp tool professional

N00001A0002

| | | | | | | | | | | |
|---|-------|----------|----|---|---|----------------------------|---------------------|--|---------------------|---|
| a | 22919 | 25.05.11 | AS | 2008 | Datum/ date | Name/ name | Gewicht/ weight (g) | Oberfläche/ surface (mm ²) | Werkstoff/ material | s. Text |
| | | | | gez./ drawn | 07.01. | WA | | | | |
| | | | | gepr./ appr. | 20.02.08 | HI | | | Oberfläche/ finish | |
| | | | | Norm/ stand. | | | | | | |
| | | | | Maßstab/ scale | Benennung/ title | | | | | |
| | | | | 2:1 (1:1) | STX RJ45 Steckereinsatz AWG24-27 Cat.6 STX plug insert RJ45 AWG24-27 Cat.6 | | | | | |
| | | | | untol. Maße/ dim. without tolerances according to | Untert./ doc. type | Zeichnungsnr./ drawing no. | | | | |
| | | | | D | | J80026A0002 | | | | |
| | | | | Ersatz für/ replaces | | | | | | Maße/ dimensions: mm |
| | | | | | | | | | | Original : DIN A4 Blatt/ sheet 1 von/ of 3 |



Technische Daten /Technical Data

| | | |
|---|---|--|
| Steckverbinder-Norm | IEC 60603-7-5 | 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 (30µin) Au über / on 2,54 µm (100µin) Ni | Contact finish |
| Schirmblech | 0,5 mm Messing / 0.02 in. brass | Shield |
| Schirmblech Oberfläche | 2 µm (80 µin) Ni | Shield finish |
| Steckeraufnahme | PC UL 94 V0 lichtgrau RAL 7035 /light grey RAL 7035 | Plug insert |
| EG Richtlinie 2002/95/EG (RoHS) | RoHS-konform / RoHS-compliant | EC Directive 2002/95/EC (RoHS) |
| Cu-Leiterdurchmesser | massiv / solid 0,40 - 0,51 mm AWG 26/1 - AWG 24/1 Litze / stranded 0,46 - 0,61mm AWG 27/7 - AWG 24/7 | Cu-conductor diameter |
| Aderndurchmesser | 0,85 - 1,05 mm (0.034 - 0.041 in.) | Insulation diameter |
| Kabeldurchmesser | 5,0 - 7,3 mm (0.197 - 0.287 in.) | Cable diameter |
| Umweltanforderungen | | Environmental Requirements |
| Mechanisch | | Mechanical |
| Schocken | 250 ms ⁻² | Shock |
| Schwingen sinusförmig (9Hz - 500Hz) | 50 ms ⁻² | Vibration sinusoidal (9Hz - 500Hz) |
| Schutz vor Eindringen | | Protection against ingress |
| Eindringen von Teilchen | IP2X / IP6X * | Particulate ingress |
| Wasser/Untertauchen | IPX0 / IPX7 * | Water / Immersion |
| Klimatisch und chemisch | | Climatical and chemical |
| Umgebungstemperatur | -40°C bis / to +70°C | Ambient temperature |
| Rascher Temperaturwechsel | -40°C bis / to +70°C / 25 cycles t=30min | Rapid change of temperature |
| Feuchte Wärme | +25°C / +65°C / 93% RH // -10°C / 21 cycles | Climatic damp heat |
| Strömendes Mischgas | +25°C / 73% RH /4 days H ₂ S / SO ₂ | Flowing mixed gas |
| Elektrische Eigenschaften | | Electrical Characteristics |
| Kontaktwiderstand | ≤ 20 mΩ | Contact resistance |
| Isolationswiderstand | ≥ 500 MΩ | Insulation resistance |
| 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 | ANSI/TIA/EIA-568-C.2 | Category 6 |

* Die technischen Angaben gelten für das Zusammenwirken von Produkten mit **STEADYTEC**[®]-Technologie und den dort gezeigten IP67 Stecker- und Flanschpaarungen. Technical data apply to products with **STEADYTEC**[®] Technology and the appropriate combinations of IP67 plugs and flange sockets.

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|--|---|----------------------------|---------------------------|---|------------------------|
| 2008 | Datum/ date | Name/ name | Gewicht/ weight (g) | Oberfläche/ surface (mm ²) | Werkstoff/ material |
| | gez./ drawn | 07.01. | | | |
| 20.02.08 | gepr./ appr. | HI | | | Oberfläche/ finish |
| | Norm/ stand. | | | | |
| Maßstab/ scale | Benennung/ title | | | | |
| | STX RJ45 Steckereinsatz AWG24-27 Cat.6 STX plug insert RJ45 AWG24-27 Cat.6 | | | | |
| untol. Maße/ dim. without tolerances according to | Unterl./doc. type | Zeichnungsnr./ drawing no. | | | |
| | D | J80026A0002 | | | |
| a | 22919 | 25.05.11 | AS |  | |
| | | | | | |
| Änd./ rev. index | Änderungsmittelung/ revision code | Datum/ date | Name/ name | Original : DIN A4 | |
| | | | Ersatz für/ replaces | Blatt/ sheet 2 von/ of 3 | |

| Normen | | Standards |
|---|--|--|
| Anwendungsneutrale Kommunikationskabelanlagen | ANSI/TIA/EIA-568-C.2 ISO/IEC 11801 EN50173-1 ISO/IEC 24702 DIN EN 61918 | Generic cabling systems |
| UL Norm für Kommunikationszubehör | UL 1863 | UL Standard for Communication circuit Accessories |
| IP-Schutzarten | IEC 60529 | Degrees of protection provided by enclosures (IP code) |
| Zulassung | | Approval |
| UL Recognized Component | applied for approval | UL Recognized Component |
| 3P Third Party Testing Typmusterprüfung | Attestation of Conformity No.107527 ISO/IEC, EN & TIA/EIA Screened Class E _A / Category 6A Two Connector Channel | 3P Third Party Testing Type Approval |
| 3P Third Party Testing Typmusterprüfung | Attestation of Conformity No.107526 ISO/IEC, EN & TIA/EIA Screened Class E / Category 6 Three Connector Permanent Link | 3P Third Party Testing Type Approval |
| 3P Third Party Testing Typmusterprüfung | Attestation of Conformity No.107525 ISO/IEC, EN & TIA/EIA Screened Class E / Category 6 Four Connector Channel | 3P Third Party Testing Type Approval |
| GHMT Typmusterprüfung | Certificate No. P1756c-07 3-Connector Permanent Link (70m) bis /up to 250MHz (Cat.6) | GHMT Type Approval |
| GHMT Typmusterprüfung | Certificate No. P1755c-07 4-Connector Channel (90m) bis / up to 500MHz (Cat.6A) | GHMT Type Approval |

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|------------------------|--------------------------------------|----------------|---------------|--|---|----------------------------|---------------------------|---|--|
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| | | | | gez./ drawn | 07.01. | WA | | | |
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| | | | | Norm/ stand. | | | | | |
| | | | | Maßstab/ scale | Benennung/ title | | | |  |
| | | | | | STX RJ45 Steckereinsatz AWG24-27 Cat.6 STX plug insert RJ45 AWG24-27 Cat.6 | | | | |
| | | | | untol. Maße/ dim. without tolerances according to | Untert./doc. type | Zeichnungsnr./ drawing no. | | |  Maße/ dimensions: mm |
| | | | | D | J80026A0002 | | | | |
| Änd./ rev. index | Änderungsmittelung/ revision code | Datum/ date | Name/ name | Ersatz für/ replaces | | | | Original : DIN A4 Blatt/ sheet 3 von/ of 3 | |