

|   |   |   |   |   |   |   |   |   |   |    |    |    |    |    |   |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|---|
|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |   |
| A |   |   |   |   |   |   |   |   |   |    |    |    |    |    | A |
| B |   |   |   |   |   |   |   |   |   |    |    |    |    |    | B |
| C |   |   |   |   |   |   |   |   |   |    |    |    |    |    | C |
| D |   |   |   |   |   |   |   |   |   |    |    |    |    |    | D |
| E |   |   |   |   |   |   |   |   |   |    |    |    |    |    | E |
| F |   |   |   |   |   |   |   |   |   |    |    |    |    |    | F |
| G |   |   |   |   |   |   |   |   |   |    |    |    |    |    | G |
| H |   |   |   |   |   |   |   |   |   |    |    |    |    |    | H |
| I |   |   |   |   |   |   |   |   |   |    |    |    |    |    | I |
| J |   |   |   |   |   |   |   |   |   |    |    |    |    |    | J |

| Nr. / No. | Bild / Figure | Länge / Length (m) | Nr. / No. | Bild / Figure | Länge / Length (m) |
|-----------|---------------|--------------------|-----------|---------------|--------------------|
| 91573     |               | 0.25               | 91089     |               | 0.25               |
| 91582     |               | 0.50               | 91090     |               | 0.50               |
| 91591     |               | 1.00               | 91091     |               | 1.00               |
| 91600     |               | 1.50               | 91092     |               | 1.50               |
| 91609     |               | 2.00               | 91093     |               | 2.00               |
| 91618     |               | 3.00               | 91094     |               | 3.00               |
| 91627     |               | 5.00               | 91095     |               | 5.00               |
| 91636     |               | 7.50               | 91096     |               | 7.50               |
| 91645     |               | 10.00              | 91097     |               | 10.00              |
| 91654     |               | 15.00              | 91098     |               | 15.00              |
| 91663     |               | 20.00              | 91099     |               | 20.00              |
| 91672     |               | 25.00              | 91100     |               | 25.00              |
| 91681     |               | 30.00              | 91101     |               | 30.00              |
| 91572     |               | 0.25               | 91568     |               | 0.25               |
| 91581     |               | 0.50               | 91577     |               | 0.50               |
| 91590     |               | 1.00               | 91586     |               | 1.00               |
| 91599     |               | 1.50               | 91595     |               | 1.50               |
| 91608     |               | 2.00               | 91604     |               | 2.00               |
| 91617     |               | 3.00               | 91613     |               | 3.00               |
| 91626     |               | 5.00               | 91622     |               | 5.00               |
| 91635     |               | 7.50               | 91631     |               | 7.50               |
| 91644     |               | 10.00              | 91640     |               | 10.00              |
| 91653     |               | 15.00              | 91649     |               | 15.00              |
| 91662     |               | 20.00              | 91658     |               | 20.00              |
| 91671     |               | 25.00              | 91667     |               | 25.00              |
| 91680     |               | 30.00              | 91676     |               | 30.00              |
| 91571     |               | 0.25               | 91567     |               | 0.25               |
| 91580     |               | 0.50               | 91576     |               | 0.50               |
| 91589     |               | 1.00               | 91585     |               | 1.00               |
| 91598     |               | 1.50               | 91594     |               | 1.50               |
| 91607     |               | 2.00               | 91603     |               | 2.00               |
| 91616     |               | 3.00               | 91612     |               | 3.00               |
| 91625     |               | 5.00               | 91621     |               | 5.00               |
| 91634     |               | 7.50               | 91630     |               | 7.50               |
| 91643     |               | 10.00              | 91639     |               | 10.00              |
| 91652     |               | 15.00              | 91648     |               | 15.00              |
| 91661     |               | 20.00              | 91657     |               | 20.00              |
| 91670     |               | 25.00              | 91666     |               | 25.00              |
| 91679     |               | 30.00              | 91675     |               | 30.00              |
| 91570     |               | 0.25               | 91566     |               | 0.25               |
| 91579     |               | 0.50               | 91575     |               | 0.50               |
| 91588     |               | 1.00               | 91584     |               | 1.00               |
| 91597     |               | 1.50               | 91593     |               | 1.50               |
| 91606     |               | 2.00               | 91602     |               | 2.00               |
| 91615     |               | 3.00               | 91611     |               | 3.00               |
| 91624     |               | 5.00               | 91620     |               | 5.00               |
| 91633     |               | 7.50               | 91629     |               | 7.50               |
| 91642     |               | 10.00              | 91638     |               | 10.00              |
| 91651     |               | 15.00              | 91647     |               | 15.00              |
| 91660     |               | 20.00              | 91656     |               | 20.00              |
| 91669     |               | 25.00              | 91665     |               | 25.00              |
| 91678     |               | 30.00              | 91674     |               | 30.00              |
| 91569     |               | 0.25               | 91565     |               | 0.25               |
| 91578     |               | 0.50               | 91574     |               | 0.50               |
| 91587     |               | 1.00               | 91583     |               | 1.00               |
| 91596     |               | 1.50               | 91592     |               | 1.50               |
| 91605     |               | 2.00               | 91601     |               | 2.00               |
| 91614     |               | 3.00               | 91610     |               | 3.00               |
| 91623     |               | 5.00               | 91619     |               | 5.00               |
| 91632     |               | 7.50               | 91628     |               | 7.50               |
| 91641     |               | 10.00              | 91637     |               | 10.00              |
| 91650     |               | 15.00              | 91646     |               | 15.00              |
| 91659     |               | 20.00              | 91655     |               | 20.00              |
| 91668     |               | 25.00              | 91664     |               | 25.00              |
| 91677     |               | 30.00              | 91673     |               | 30.00              |

Zeichnung/Drawing

PIN-Belegung/PIN out

Querschnitt/Cross section

Cat 7 Netzwerkkabel

Mechanik

- Anschlüsse: 2x RJ45-Stecker
- Kontakte: 8P8C; 50µ vergoldet
- Knickschutzülle: angespritzt; mit Längenangabe
- Innenleiter: 4x2xAWG 26/7 CU
- Isolierung: LS0H
- Farbkodierung: EIA/TIA 568B
- Schirmung: S/FTP (PIMF)

Leistung

- Datenstandard: CAT 7 (600 MHz), IEEE 802.3; 10GBase-T

Elektrik

- Spannungsfestigkeit: DC 300V
- Kontaktwiderstand: max. 15Ω
- Isolationswiderstand: 10MΩ @10ms
- Impedanz: 100Ω

Umwelt

- RoHS-konform

Cat 7 Network cable

Mechanical

- Connectors: 2x RJ45 plug
- Contacts: 8P8C; 50µ gold-plated
- Strain relief: molded; with length indication
- Inner conductor: 4x2xAWG 26/7 CU
- Insulation: LS0H
- Color coding: EIA/TIA 568B
- Shielding: S/FTP (PIMF)

Power

- Data standard: CAT 7 (600 MHz), IEEE 802.3; 10GBase-T

Electrical

- Withstanding voltage: DC 300V
- Contact resistance: max. 15Ω
- Insulation resistance: 10MΩ @ 10ms
- Impedance: 100Ω

Environmental

- RoHS compliant

|                                            |      |                   |      |                  |       |
|--------------------------------------------|------|-------------------|------|------------------|-------|
| Änderungen                                 |      | Datum             | Name | Bezeichnung      | Blatt |
| Datum                                      | Name | gez.: 13.01.2014  | tf   | CAT 7 S/FTP PIMF |       |
|                                            |      | gepr.: 16.01.2014 | tf   |                  |       |
|                                            |      | Norm:             |      | Zeichnungs-Nr.:  | von   |
| Änderungen vorbehalten / Subject to change |      |                   |      |                  |       |