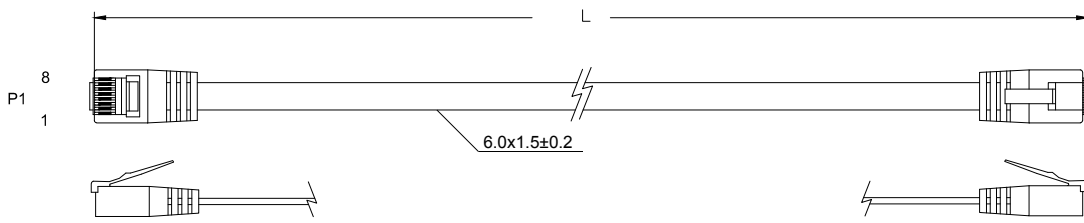


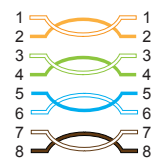
|   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |   |
|---|---|---|---|---|---|---|---|---|---|----|----|----|----|----|---|
| A |   |   |   |   |   |   |   |   |   |    |    |    |    |    | A |
| B |   |   |   |   |   |   |   |   |   |    |    |    |    |    | B |
| C |   |   |   |   |   |   |   |   |   |    |    |    |    |    | 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) |
|-----------|-------------------------------------------------------------------------------------|--------------------|-----------|-------------------------------------------------------------------------------------|--------------------|
| 96399     |    | 0.50               | 96395     |    | 0.50               |
| 96405     |                                                                                     | 1.00               | 96401     |                                                                                     | 1.00               |
| 96411     |                                                                                     | 1.50               | 96407     |                                                                                     | 1.50               |
| 96417     |                                                                                     | 2.00               | 96413     |                                                                                     | 2.00               |
| 96424     |                                                                                     | 3.00               | 96419     |                                                                                     | 3.00               |
| 96430     |    | 5.00               | 96426     |    | 5.00               |
| 96436     |                                                                                     | 7.00               | 96432     |                                                                                     | 7.00               |
| 96442     |                                                                                     | 10.00              | 96438     |                                                                                     | 10.00              |
| 96448     |                                                                                     | 15.00              | 96444     |                                                                                     | 15.00              |
| 96463     |                                                                                     | 20.00              | 96450     |                                                                                     | 20.00              |
| 95379     |    | 0.50               | 95150     |    | 0.50               |
| 95380     |                                                                                     | 1.00               | 95151     |                                                                                     | 1.00               |
| 95382     |                                                                                     | 1.50               | 95192     |                                                                                     | 1.50               |
| 95384     |                                                                                     | 2.00               | 95152     |                                                                                     | 2.00               |
| 95386     |                                                                                     | 3.00               | 95153     |                                                                                     | 3.00               |
| 95387     |    | 5.00               | 95154     |    | 5.00               |
| 95388     |                                                                                     | 7.00               | 95155     |                                                                                     | 7.00               |
| 95381     |                                                                                     | 10.00              | 95156     |                                                                                     | 10.00              |
| 95383     |                                                                                     | 15.00              | 95157     |                                                                                     | 15.00              |
| 95385     |                                                                                     | 20.00              | 95158     |                                                                                     | 20.00              |
| 96398     |    | 0.50               | 96394     |    | 0.50               |
| 96404     |                                                                                     | 1.00               | 96400     |                                                                                     | 1.00               |
| 96410     |                                                                                     | 1.50               | 96406     |                                                                                     | 1.50               |
| 96416     |                                                                                     | 2.00               | 96412     |                                                                                     | 2.00               |
| 96423     |                                                                                     | 3.00               | 96418     |                                                                                     | 3.00               |
| 96429     |    | 5.00               | 96425     |    | 5.00               |
| 96435     |                                                                                     | 7.00               | 96431     |                                                                                     | 7.00               |
| 96441     |                                                                                     | 10.00              | 96437     |                                                                                     | 10.00              |
| 96447     |                                                                                     | 15.00              | 96443     |                                                                                     | 15.00              |
| 96462     |                                                                                     | 20.00              | 96449     |                                                                                     | 20.00              |
| 96397     |    | 0.50               | 95889     |    | 0.50               |
| 96403     |                                                                                     | 1.00               | 95890     |                                                                                     | 1.00               |
| 96409     |                                                                                     | 1.50               | 95892     |                                                                                     | 1.50               |
| 96415     |                                                                                     | 2.00               | 95894     |                                                                                     | 2.00               |
| 96422     |                                                                                     | 3.00               | 95896     |                                                                                     | 3.00               |
| 96428     |  | 5.00               | 95897     |  | 5.00               |
| 96434     |                                                                                     | 7.00               | 95898     |                                                                                     | 7.00               |
| 96440     |                                                                                     | 10.00              | 95891     |                                                                                     | 10.00              |
| 96446     |                                                                                     | 15.00              | 95893     |                                                                                     | 15.00              |
| 96461     |                                                                                     | 20.00              | 95895     |                                                                                     | 20.00              |
| 96396     |  | 0.50               | 95879     |  | 0.50               |
| 96402     |                                                                                     | 1.00               | 95880     |                                                                                     | 1.00               |
| 96408     |                                                                                     | 1.50               | 95882     |                                                                                     | 1.50               |
| 96414     |                                                                                     | 2.00               | 95884     |                                                                                     | 2.00               |
| 96420     |                                                                                     | 3.00               | 95886     |                                                                                     | 3.00               |
| 96427     |  | 5.00               | 95887     |  | 5.00               |
| 96433     |                                                                                     | 7.00               | 95888     |                                                                                     | 7.00               |
| 96439     |                                                                                     | 10.00              | 95881     |                                                                                     | 10.00              |
| 96445     |                                                                                     | 15.00              | 95883     |                                                                                     | 15.00              |
| 96451     |                                                                                     | 20.00              | 95885     |                                                                                     | 20.00              |

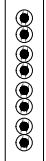
Zeichnung/Drawing



PIN-Belegung/PIN out



Querschnitt/Cross section



Cat 6 Netzwerkkabel; Flachkabel

Mechanik

- Anschlüsse:

2x RJ45-Stecker

- Kontakte:

8P8C; vergoldet

- Knickschutztülle:

angespritzt; mit Längenangabe

- Innenleiter:

4x2xAWG 32/7 BC

- Isolierung:

PVC

- Farbkodierung:

EIA/TIA 568B

- Schirmung:

U/UTP

Leistung

Datenstandard:

CAT 6 (250 MHz),  
IEEE 802.3; 10Base-T;  
100Base-T; 1000Base-T

Elektrik

- Spannungsfestigkeit:

DC 300V

- Kontaktwiderstand:

max. 3Ω

- Isolationswiderstand:

10MΩ @10ms

- Impedanz:

100Ω

Umwelt

- RoHS-konform

Cat 6 Network cable; flat cable

Mechanical

- Connectors:

2x RJ45 plug

- Contacts:

8P8C; gold-plated

- Strain relief:

molded; with length indication

- Inner conductor:

4x2xAWG 32/7 BC

- Insulation:

PVC

- Color coding:

EIA/TIA 568B

- Shielding:

U/UTP

Power

Data standard:

CAT 6 (250 MHz),  
IEEE 802.3; 10Base-T;  
100Base-T; 1000Base-T

Electrical

- Withstanding voltage:

DC 300V

- Contact resistance:

max. 3Ω

- Insulation resistance:

10MΩ @ 10ms

- Impedance:

100Ω

Environmental

- RoHS compliant

| Änderungen                                 |      |        | Datum      | Name | Bezeichnung      | Blatt |
|--------------------------------------------|------|--------|------------|------|------------------|-------|
| Datum                                      | Name | gez.:  | 14.01.2014 | tf   | CAT FLAT 6 U/UTP |       |
|                                            |      | gepr.: | 19.01.2014 | tf   |                  |       |
|                                            |      | Norm:  |            |      |                  |       |
| Änderungen vorbehalten / Subject to change |      |        |            |      | Zeichnungs-Nr.:  | von   |