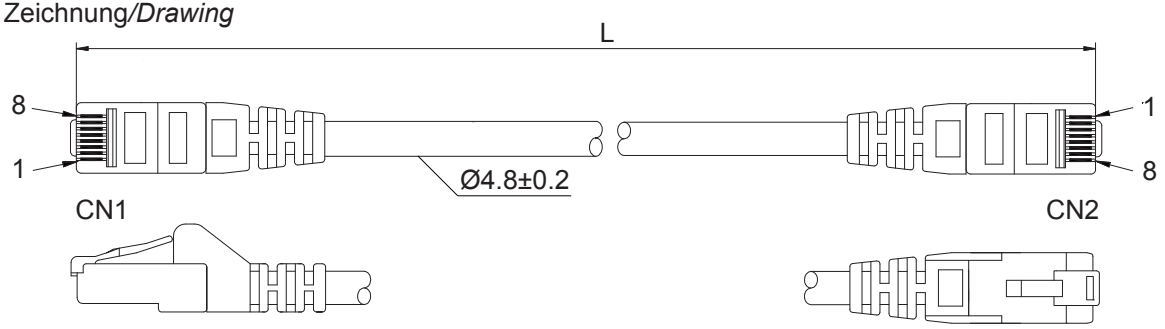
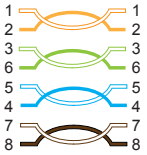
| Nr. / No. | Bild / Figure | Bezeichnung / Description | Nr. / No. | Bild / Figure | Bezeichnung / Description |
|---|---|---|---|---|---|
| 95254 | | CAT 6-0025 U/UTP ROT 0.25m | 95257 | | CAT 6-0025 U/UTP WEISS 0.25m |
| 68436 | | CAT 6-0050 U/UTP ROT 0.50m | 68632 | | CAT 6-0050 U/UTP WEISS 0.50m |
| 68441 | | CAT 6-0100 U/UTP ROT 1m | 68633 | | CAT 6-0100 U/UTP WEISS 1m |
| 95595 | | CAT 6-0150 U/UTP ROT 1.5m | 95598 | | CAT 6-0150 U/UTP WEISS 1.5m |
| 68401 | | CAT 6-0200 U/UTP ROT 2m | 68635 | | CAT 6-0200 U/UTP WEISS 2m |
| 68411 | | CAT 6-0300 U/UTP ROT 3m | 68636 | | CAT 6-0300 U/UTP WEISS 3m |
| 68421 | | CAT 6-0500 U/UTP ROT 5m | 68637 | | CAT 6-0500 U/UTP WEISS 5m |
| 68446 | | CAT 6-1000 U/UTP ROT 10m | 68638 | | CAT 6-0750 U/UTP WEISS 7.5m |
| 68451 | | CAT 6-1500 U/UTP ROT 15m | 68634 | | CAT 6-1000 U/UTP WEISS 10m |
| 68406 | | CAT 6-2000 U/UTP ROT 20m | 68639 | | CAT 6-1500 U/UTP WEISS 15m |
| 95666 | | CAT 6-2500 U/UTP ROT 25m | 68640 | | CAT 6-2000 U/UTP WEISS 20m |
| 95251 | | CAT 6-0025 U/UTP GRÜN 0.25m | 95661 | | CAT 6-2500 U/UTP WEISS 25m |
| 68435 | | CAT 6-0050 U/UTP GRÜN 0.50m | 95255 | | CAT 6-0025 U/UTP SCHWARZ 0.25m |
| 68440 | | CAT 6-0100 U/UTP GRÜN 1m | 68676 | | CAT 6-0050 U/UTP SCHWARZ 0.50m |
| 95592 | | CAT 6-0150 U/UTP GRÜN 1.5m | 68677 | | CAT 6-0100 U/UTP SCHWARZ 1m |
| 68400 | | CAT 6-0200 U/UTP GRÜN 2m | 95596 | | CAT 6-0150 U/UTP SCHWARZ 1.5m |
| 68410 | | CAT 6-0300 U/UTP GRÜN 3m | 68680 | | CAT 6-0200 U/UTP SCHWARZ 2m |
| 68420 | | CAT 6-0500 U/UTP GRÜN 5m | 68682 | | CAT 6-0300 U/UTP SCHWARZ 3m |
| 68430 | | CAT 6-0750 U/UTP GRÜN 7.5m | 68684 | | CAT 6-0500 U/UTP SCHWARZ 5m |
| 68445 | | CAT 6-1000 U/UTP GRÜN 10m | 68686 | | CAT 6-0750 U/UTP SCHWARZ 7.5m |
| 68450 | | CAT 6-1500 U/UTP GRÜN 15m | 68678 | | CAT 6-1000 U/UTP SCHWARZ 10m |
| 68405 | | CAT 6-2000 U/UTP GRÜN 20m | 68679 | | CAT 6-1500 U/UTP SCHWARZ 15m |
| 95663 | | CAT 6-2500 U/UTP GRÜN 25m | 68681 | | CAT 6-2000 U/UTP SCHWARZ 20m |
| 95247 | | CAT 6-0025 U/UTP BLAU 0.25m | 95667 | | CAT 6-2500 U/UTP SCHWARZ 25m |
| 68432 | | CAT 6-0050 U/UTP BLAU 0.50m | 95252 | | CAT 6-0025 U/UTP MAGENTA 0.25m |
| 68437 | | CAT 6-0100 U/UTP BLAU 1m | 95258 | | CAT 6-0050 U/UTP MAGENTA 0.50m |
| 68452 | | CAT 6-0200 U/UTP BLAU 2m | 95261 | | CAT 6-0100 U/UTP MAGENTA 1m |
| 68407 | | CAT 6-0300 U/UTP BLAU 3m | 95593 | | CAT 6-0150 U/UTP MAGENTA 1.5m |
| 68417 | | CAT 6-0500 U/UTP BLAU 5m | 95270 | | CAT 6-0200 U/UTP MAGENTA 2m |
| 68427 | | CAT 6-0750 U/UTP BLAU 7.5m | 95276 | | CAT 6-0300 U/UTP MAGENTA 3m |
| 68442 | | CAT 6-1000 U/UTP BLAU 10m | 95279 | | CAT 6-0500 U/UTP MAGENTA 5m |
| 68447 | | CAT 6-1500 U/UTP BLAU 15m | 95282 | | CAT 6-0750 U/UTP MAGENTA 7.5m |
| 68402 | | CAT 6-2000 U/UTP BLAU 20m | 95264 | | CAT 6-1000 U/UTP MAGENTA 10m |
| 95249 | | CAT 6-0025 U/UTP GELB 0.25m | 95267 | | CAT 6-1500 U/UTP MAGENTA 15m |
| 68433 | | CAT 6-0050 U/UTP GELB 0.50m | 95273 | | CAT 6-2000 U/UTP MAGENTA 20m |
| 68438 | | CAT 6-0100 U/UTP GELB 1m | 95253 | | CAT 6-0025 U/UTP ORANGE 0.25m |
| 95590 | | CAT 6-0150 U/UTP GELB 1.5m | 95259 | | CAT 6-0050 U/UTP ORANGE 0.50m |
| 68453 | | CAT 6-0200 U/UTP GELB 2m | 95262 | | CAT 6-0100 U/UTP ORANGE 1m |
| 68408 | | CAT 6-0300 U/UTP GELB 3m | 95594 | | CAT 6-0150 U/UTP ORANGE 1.5m |
| 68418 | | CAT 6-0500 U/UTP GELB 5m | 95271 | | CAT 6-0200 U/UTP ORANGE 2m |
| 68428 | | CAT 6-0750 U/UTP GELB 7.5m | 95277 | | CAT 6-0300 U/UTP ORANGE 3m |
| 68443 | | CAT 6-1000 U/UTP GELB 10m | 95280 | | CAT 6-0500 U/UTP ORANGE 5m |
| 68448 | | CAT 6-1500 U/UTP GELB 15m | 95283 | | CAT 6-0750 U/UTP ORANGE 7.5m |
| 68403 | | CAT 6-2000 U/UTP GELB 20m | 95265 | | CAT 6-1000 U/UTP ORANGE 10m |
| 95660 | | CAT 6-2500 U/UTP GELB 25m | 95268 | | CAT 6-1500 U/UTP ORANGE 15m |
| 95250 | | CAT 6-0025 U/UTP GRAU 0.25m | 95274 | | CAT 6-2000 U/UTP ORANGE 20m |
| 68434 | | CAT 6-0050 U/UTP GRAU 0.50m | 95665 | | CAT 6-2500 U/UTP ORANGE 25m |
| 68439 | | CAT 6-0100 U/UTP GRAU 1m | 95256 | | CAT 6-0025 U/UTP VIOLETT 0.25m |
| 95591 | | CAT 6-0150 U/UTP GRAU 1.5m | 95260 | | CAT 6-0050 U/UTP VIOLETT 0.50m |
| 68454 | | CAT 6-0200 U/UTP GRAU 2m | 95263 | | CAT 6-0100 U/UTP VIOLETT 1m |
| 68409 | | CAT 6-0300 U/UTP GRAU 3m | 95597 | | CAT 6-0150 U/UTP VIOLETT 1.5m |
| 68419 | | CAT 6-0500 U/UTP GRAU 5m | 95272 | | CAT 6-0200 U/UTP VIOLETT 2m |
| 68429 | | CAT 6-0750 U/UTP 7GRAU 7.5m | 95278 | | CAT 6-0300 U/UTP VIOLETT 3m |
| 68444 | | CAT 6-1000 U/UTP GRAU 10m | 95281 | | CAT 6-0500 U/UTP VIOLETT 5m |
| 68449 | | CAT 6-1500 U/UTP GRAU 15m | 95284 | | CAT 6-0750 U/UTP VIOLETT 7.5m |
| 68404 | | CAT 6-2000 U/UTP GRAU 20m | 95266 | | CAT 6-1000 U/UTP VIOLETT 10m |
| 95662 | | CAT 6-2500 U/UTP GRAU 25m | 95269 | | CAT 6-1500 U/UTP VIOLETT 15m |
| 68414 | | CAT 6-3000 U/UTP GRAU 30m | 95275 | | CAT 6-2000 U/UTP VIOLETT 20m |

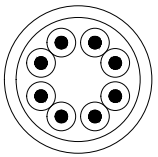
## Zeichnung/*Drawing*




## PIN-Belegung/*PIN out*




## Querschnitt/*Cross section*



## Cat 6 Netzwerkkabel

| | |
|---|---|
| Mechanik | |
| - Anschlüsse: | 2x RJ45-Stecker |
| - Kontakte: | 8P8C; vergoldet |
| - Knickschutztülle: | angespritzt; mit Längenangabe |
| - Innenleiter: | 4x2xAWG 24/7 CCA |
| - Isolierung: | PVC |
| - Farbkodierung: | EIA/TIA 568B |
| - Schirmung: | U/UTP |
| Leistung | |
| Datenstandard: | CAT 6 (250 MHz), 1GBase-T, 155/622-MBit-ATM |
| Elektrik | |
| - Spannungsfestigkeit: | DC 300 V |
| - Kontaktwiderstand: | max. 3 Ω |
| - Isolationswiderstand: | 10 MΩ @10 ms |
| - Impedanz: | 100 Ω |
| Umwelt | |
| - RoHS-konform | |

## *Cat 6 Network cable*

| | |
|---|---|
| *Mechanical* | |
| *- Connectors:* | *2x RJ45 plug* |
| *- Contacts:* | *8P8C; gold-plated* |
| *- Strain relief:* | *molded; with length indication* |
| *- Inner conductor:* | *4x2xAWG 24/7 CCA* |
| *- Insulation:* | *PVC* |
| *- Color coding:* | *EIA/TIA 568B* |
| *- Shielding:* | *U/UTP* |
| *Power* | |
| *Data standard:* | *CAT 6 (250 MHz), 1GBase-T, 155/622-MBit-ATM* |
| *Electrical* | |
| *- Withstanding voltage:* | *DC 300 V* |
| *- Contact resistance:* | *max. 3 Ω* |
| *- Insulation resistance:* | *10 MΩ @ 10 ms* |
| *- Impedance:* | *100 Ω* |
| *Environmental* | |
| *- RoHS compliant* | |

| Änderungen | | | Datum | Name |
|---|---|---|---|---|
| Datum | Name | gez.: | 01.12.2015 | tf |
| 11.11.2016 | tf | gepr.: | 01.12.2015 | tf |
| | | Norm: | | |
| | | Änderungen vorbehalten / Subject to change | | |

Bezeichnung: **CAT 6 U/UTP**

Zeichnungs-Nr.:

Blatt

von