

Outer sheath material	PVC
Cable sheath diameter (approx.)	5.8 mm
max. bandwidth	250 MHz
Cable type	round cable
Inner conductor material	CCA (copper-clad aluminium)
AWG	24/7 (stranded)
Shielding class	U/UTP
Connection, type	RJ45 male (8P8C)
Connection, shielding	no
Latch protection	both sides

Goobay

CAT 6 patch cable, U/UTP

CCA material

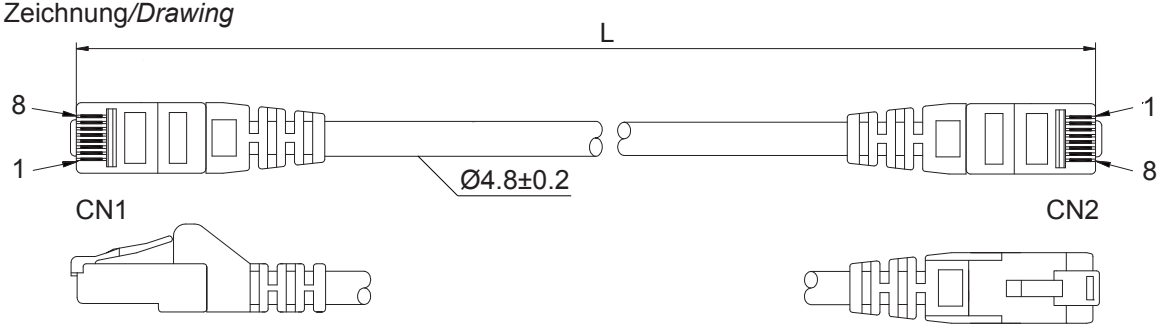
- unshielded LAN/network cable to connect network components with 2 x RJ45 connectors
- with 3µ gold plated PINs
- with length indication on the slimline strain relief
- with latch protection
- pair-sequence acc. to EIA/TIA 568B
- suitable for Gigabit (10/100/1000 Mbit) network



Cable length	grey	black	white	blue	orange	yellow	green	magenta	red	violet
	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk	Bulk
0.25 m	95250	95255	95257	95247	95253	95249	95251	95252	95254	95256
0.50 m	68434	68676	68632	68432	95259	68433	68435	95258	68436	95260
1.00 m	68439	68677	68633	68437	95262	68438	68440	95261	68441	95263
1.50 m	95591	95596	95598	95588	95594	95590	95592	95593	95595	95597
2.00 m	68454	68680	68635	68452	95271	68453	68400	95270	68401	95272
3.00 m	68409	68682	68636	68407	95277	68408	68410	95276	68411	95278
5.00 m	68419	68684	68637	68417	95280	68418	68420	95279	68421	95281
7.50 m	68429	68686	68638	68427	95283	68428	68430	95282		95284
10.00 m	68444	68678	68634	68442	95265	68443	68445	95264	68446	95266
15.00 m	68449	68679	68639	68447	95268	68448	68450	95267	68451	95269
20.00 m	68404	68681	68640	68402	95274	68403	68405	95273	68406	95275
25.00 m	95662	95667	95661		95665	95660	95663		95666	
30.00 m	68414									

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*



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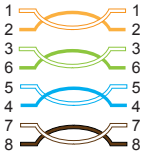

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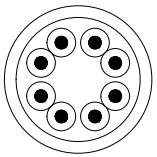

Cat 6 Netzwerkkabel

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