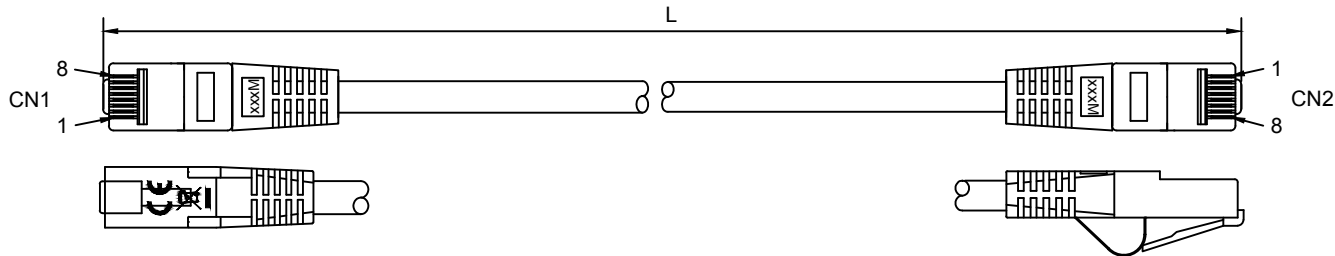


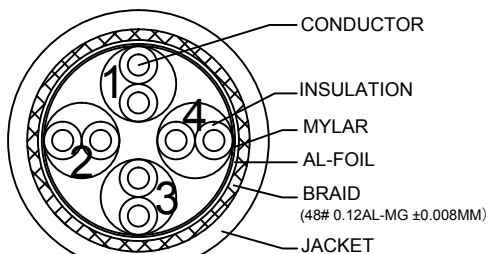
1 2 3 4 5 6 7 8 9 10 11 12 13 14

A



B

C



D

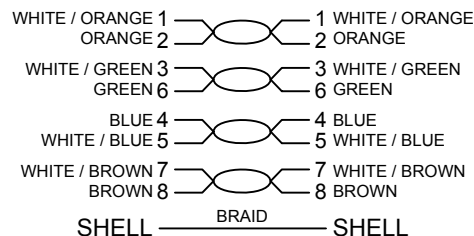
E

Printing: CAT.5E SF/UTP ISO/IEC 11801 & EN50173-1 & ANSI/TIA-568-C.2 #925# mmlyyyy
Wentronic GmbH | Pöhlmannstraße 12 | 38112 | Braunschweig Germany

WIRING DIAGRAM

CN1 (568B)

CN2 (568B)



Spezifikation / Specification	CAT 5e
Kabeltyp / Cable type	Rundkabel / round cable
Innenleiter, Material / Inner conductor material	CCA (kupferkaschiertes Aluminium) / CCA (copper-clad aluminium)
Innenleiter, Aderdurchmesser / Inner conductor, core diameter	(7/0.15 ± 0.008 mm)
AWG	26/7 (stranded)
Schirmungsklasse / Shielding class	SF/UTP
Anzahl Schirmungen / Number of shieldings	2 x
Typ 1, Schirmung / Type 1, shielding	Folie (Alu) / foil (aluminium)
Typ 2, Schirmung / Type 2, shielding	Geflecht (Alu) Gesamtschirm/ braid (alu) overall shield
Durchmesser Kabelmantel (ca.) / Cable sheath diameter (approx.)	Ø 5.6 ± 0.3 mm, PVC
Knickschutz / Kink protection	beidseitig / both sides
Anschluss, Typ / Connection, type	RJ45-Stecker (8P8C) / RJ45 male (8P8C)
Anschluss, Schirmung / Connection, shielding	ja / yes
Anschluss 2, Typ / Connection 2, type	RJ45-Stecker (8P8C) / RJ45 male (8P8C)
Rastnasenschutz / Latch protection	beidseitig / both sides
max. Bandbreite / max. bandwidth	100 MHz

F

G

H



Length	Length Tolerance
250 mm	± 20 mm
500 mm	± 20 mm
1000 mm	± 30 mm
1500 mm	± 30 mm
2000 mm	± 40 mm
3000 mm	± 60 mm
5000 mm	± 110 mm
7500 mm	± 150 mm
10000 mm	± 200 mm
15000 mm	± 310 mm
20000 mm	± 400 mm
25000 mm	± 500 mm
30000 mm	± 600 mm
50000 mm	± 1000 mm

CAT 5e Patchkabel, SF/UTP

- doppelt geschirmtes LAN/Netzwerkkabel zum Anschluss Ihrer Netzwerkkomponenten mit 2x RJ45 Steckern
- Gesamtschirmung: Geflecht + Folienschirmung
- mit vergoldeten Kontaktflächen (PINs)
- Längenangabe auf Slimline-Knickschutztülle
- mit Rastnasenschutz
- Paarfolge nach EIA/TIA 568B
- Gigabit (10/100/1000 Mbit) Netzwerk geeignet

CAT 5e patchcable, SF/UTP

- double shielded LAN/network cable to connect network components with 2 x RJ45 connectors
- outer shield: braiding + foil screening
- with 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

I

J

Änderungen

Datum	Name

Datum	Name
gez.: 16.07.2020	sm
gepr.: 16.07.2020	ac
Norm:	

Änderungen vorbehalten / Subject to change

Bezeichnung

CAT 5-xxxx SF/UTP
x.xx m

Zeichnungs-Nr.:

95206ff



Blatt

1 / 2

von

1 2 3 4 5 6 7 8 9 10 11 12 13 14

	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																																																																																																																																																																																																																																																																																																																																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14																																																																																																																																																																																																																																																																																																																																	
	<table><tr><td rowspan="14"> Farbe / Colour schwarz / black  </td><td>Art.</td><td>L [m]</td><td rowspan="14"> Farbe / Colour weiß / white  </td><td>Art.</td><td>L [m]</td><td rowspan="14"> Farbe / Colour rot / red  </td><td>Art.</td><td>L [m]</td><td rowspan="14"> Farbe / Colour blau / blue  </td><td>Art.</td><td>L [m]</td></tr><tr><td>68665</td><td>0.50</td><td>95213</td><td>0.25</td><td>68031</td><td>0.25</td><td>95203</td><td>0.25</td></tr><tr><td>68666</td><td>1.00</td><td>93478</td><td>0.50</td><td>68032</td><td>1.00</td><td>68053</td><td>0.50</td></tr><tr><td>95551</td><td>1.50</td><td>93479</td><td>1.00</td><td>68033</td><td>2.00</td><td>68054</td><td>1.00</td></tr><tr><td>68669</td><td>2.00</td><td>95553</td><td>1.50</td><td>68034</td><td>3.00</td><td>95543</td><td>1.50</td></tr><tr><td>68671</td><td>3.00</td><td>93482</td><td>2.00</td><td>68035</td><td>5.00</td><td>68055</td><td>2.00</td></tr><tr><td>68673</td><td>5.00</td><td>93484</td><td>3.00</td><td>68037</td><td>10.00</td><td>68056</td><td>3.00</td></tr><tr><td>68675</td><td>7.50</td><td>93486</td><td>5.00</td><td>68039</td><td>20.00</td><td>68057</td><td>5.00</td></tr><tr><td>68667</td><td>10.00</td><td>93488</td><td>7.50</td><td rowspan="6"> gelb / yellow  </td><td>95205</td><td>0.25</td><td rowspan="6"> violett / violett  </td><td>95212</td><td>0.25</td></tr><tr><td>68668</td><td>15.00</td><td>93480</td><td>10.00</td><td>68064</td><td>0.50</td><td>93512</td><td>0.50</td></tr><tr><td>68670</td><td>20.00</td><td>93481</td><td>15.00</td><td>68065</td><td>1.00</td><td>93513</td><td>1.00</td></tr><tr><td>95629</td><td>25.00</td><td>93483</td><td>20.00</td><td>95545</td><td>1.50</td><td>95552</td><td>1.50</td></tr><tr><td>68672</td><td>30.00</td><td>95631</td><td>25.00</td><td>68066</td><td>2.00</td><td>93516</td><td>2.00</td></tr><tr><td>68674</td><td>50.00</td><td>93485</td><td>30.00</td><td>68067</td><td>3.00</td><td>93518</td><td>3.00</td></tr><tr><td rowspan="14"> Farbe / Colour grau / grey  </td><td>95206</td><td>0.25</td><td rowspan="14"> Farbe / Colour grün / green  </td><td>95207</td><td>0.25</td><td rowspan="14"> Farbe / Colour orange / orange  </td><td>95209</td><td>0.25</td><td rowspan="14"> Farbe / Colour magenta / magenta  </td><td>95208</td><td>0.25</td></tr><tr><td>50143</td><td>0.50</td><td>68042</td><td>0.50</td><td>68068</td><td>5.00</td><td>93410</td><td>0.50</td></tr><tr><td>50144</td><td>1.00</td><td>68043</td><td>1.00</td><td>68069</td><td>7.50</td><td>93411</td><td>1.00</td></tr><tr><td>95546</td><td>1.50</td><td>95547</td><td>1.50</td><td>68070</td><td>10.00</td><td>93414</td><td>2.00</td></tr><tr><td>50145</td><td>2.00</td><td>68044</td><td>2.00</td><td rowspan="6"> orange / orange  </td><td>93444</td><td>0.50</td><td>93416</td><td>3.00</td></tr><tr><td>50146</td><td>3.00</td><td>68045</td><td>3.00</td><td>93445</td><td>1.00</td><td>93418</td><td>5.00</td></tr><tr><td>50147</td><td>5.00</td><td>68046</td><td>5.00</td><td>93448</td><td>2.00</td><td></td><td></td></tr><tr><td>50148</td><td>7.50</td><td>68048</td><td>10.00</td><td>93450</td><td>3.00</td><td></td><td></td></tr><tr><td>50149</td><td>10.00</td><td>68052</td><td>50.00</td><td>93452</td><td>5.00</td><td></td><td></td></tr><tr><td>50877</td><td>15.00</td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td colspan="14"><table><tr><td colspan="4">Änderungen</td><td colspan="2">Datum</td><td colspan="2">Name</td><td colspan="4">Bezeichnung</td><td colspan="2">Blatt</td></tr><tr><td colspan="2">Datum</td><td colspan="2">Name</td><td>gez.:</td><td>16.07.2020</td><td colspan="2">sm</td><td colspan="4" rowspan="2">CAT 5-xxxx SF/UTP x.xx m</td><td colspan="2" rowspan="2">2 / 2</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td>gepr.:</td><td>16.07.2020</td><td colspan="8">ac</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td>Norm:</td><td colspan="2"></td><td colspan="2"></td><td colspan="4">Zeichnungs-Nr.:</td><td colspan="2">von</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="4">Änderungen vorbehalten / Subject to change</td><td colspan="4">95203ff</td><td colspan="2"></td></tr></table></td><td></td></tr><tr><td></td><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td></td></tr></table>														Farbe / Colour schwarz / black 	Art.	L [m]	Farbe / Colour weiß / white 	Art.	L [m]	Farbe / Colour rot / red 	Art.	L [m]	Farbe / Colour blau / blue 	Art.	L [m]	68665	0.50	95213	0.25	68031	0.25	95203	0.25	68666	1.00	93478	0.50	68032	1.00	68053	0.50	95551	1.50	93479	1.00	68033	2.00	68054	1.00	68669	2.00	95553	1.50	68034	3.00	95543	1.50	68671	3.00	93482	2.00	68035	5.00	68055	2.00	68673	5.00	93484	3.00	68037	10.00	68056	3.00	68675	7.50	93486	5.00	68039	20.00	68057	5.00	68667	10.00	93488	7.50	gelb / yellow 	95205	0.25	violett / violett 	95212	0.25	68668	15.00	93480	10.00	68064	0.50	93512	0.50	68670	20.00	93481	15.00	68065	1.00	93513	1.00	95629	25.00	93483	20.00	95545	1.50	95552	1.50	68672	30.00	95631	25.00	68066	2.00	93516	2.00	68674	50.00	93485	30.00	68067	3.00	93518	3.00	Farbe / Colour grau / grey 	95206	0.25	Farbe / Colour grün / green 	95207	0.25	Farbe / Colour orange / orange 	95209	0.25	Farbe / Colour magenta / magenta 	95208	0.25	50143	0.50	68042	0.50	68068	5.00	93410	0.50	50144	1.00	68043	1.00	68069	7.50	93411	1.00	95546	1.50	95547	1.50	68070	10.00	93414	2.00	50145	2.00	68044	2.00	orange / orange 	93444	0.50	93416	3.00	50146	3.00	68045	3.00	93445	1.00	93418	5.00	50147	5.00	68046	5.00	93448	2.00			50148	7.50	68048	10.00	93450	3.00			50149	10.00	68052	50.00	93452	5.00			50877	15.00																							<table><tr><td colspan="4">Änderungen</td><td colspan="2">Datum</td><td colspan="2">Name</td><td colspan="4">Bezeichnung</td><td colspan="2">Blatt</td></tr><tr><td colspan="2">Datum</td><td colspan="2">Name</td><td>gez.:</td><td>16.07.2020</td><td colspan="2">sm</td><td colspan="4" rowspan="2">CAT 5-xxxx SF/UTP x.xx m</td><td colspan="2" rowspan="2">2 / 2</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td>gepr.:</td><td>16.07.2020</td><td colspan="8">ac</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td>Norm:</td><td colspan="2"></td><td colspan="2"></td><td colspan="4">Zeichnungs-Nr.:</td><td colspan="2">von</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="4">Änderungen vorbehalten / Subject to change</td><td colspan="4">95203ff</td><td colspan="2"></td></tr></table>														Änderungen				Datum		Name		Bezeichnung				Blatt		Datum		Name		gez.:	16.07.2020	sm		CAT 5-xxxx SF/UTP x.xx m				2 / 2						gepr.:	16.07.2020	ac												Norm:					Zeichnungs-Nr.:				von						Änderungen vorbehalten / Subject to change				95203ff								1	2	3	4	5	6	7	8	9	10	11	12	13	14	
Farbe / Colour schwarz / black 	Art.	L [m]	Farbe / Colour weiß / white 	Art.	L [m]	Farbe / Colour rot / red 	Art.	L [m]	Farbe / Colour blau / blue 	Art.	L [m]																																																																																																																																																																																																																																																																																																																																				
	68665	0.50		95213	0.25		68031	0.25		95203	0.25																																																																																																																																																																																																																																																																																																																																				
	68666	1.00		93478	0.50		68032	1.00		68053	0.50																																																																																																																																																																																																																																																																																																																																				
	95551	1.50		93479	1.00		68033	2.00		68054	1.00																																																																																																																																																																																																																																																																																																																																				
	68669	2.00		95553	1.50		68034	3.00		95543	1.50																																																																																																																																																																																																																																																																																																																																				
	68671	3.00		93482	2.00		68035	5.00		68055	2.00																																																																																																																																																																																																																																																																																																																																				
	68673	5.00		93484	3.00		68037	10.00		68056	3.00																																																																																																																																																																																																																																																																																																																																				
	68675	7.50		93486	5.00		68039	20.00		68057	5.00																																																																																																																																																																																																																																																																																																																																				
	68667	10.00		93488	7.50		gelb / yellow 	95205		0.25	violett / violett 	95212	0.25																																																																																																																																																																																																																																																																																																																																		
	68668	15.00		93480	10.00			68064		0.50		93512	0.50																																																																																																																																																																																																																																																																																																																																		
	68670	20.00		93481	15.00			68065		1.00		93513	1.00																																																																																																																																																																																																																																																																																																																																		
	95629	25.00		93483	20.00			95545		1.50		95552	1.50																																																																																																																																																																																																																																																																																																																																		
	68672	30.00		95631	25.00			68066		2.00		93516	2.00																																																																																																																																																																																																																																																																																																																																		
	68674	50.00		93485	30.00			68067		3.00		93518	3.00																																																																																																																																																																																																																																																																																																																																		
Farbe / Colour grau / grey 	95206	0.25	Farbe / Colour grün / green 	95207	0.25	Farbe / Colour orange / orange 	95209	0.25	Farbe / Colour magenta / magenta 	95208	0.25																																																																																																																																																																																																																																																																																																																																				
	50143	0.50		68042	0.50		68068	5.00		93410	0.50																																																																																																																																																																																																																																																																																																																																				
	50144	1.00		68043	1.00		68069	7.50		93411	1.00																																																																																																																																																																																																																																																																																																																																				
	95546	1.50		95547	1.50		68070	10.00		93414	2.00																																																																																																																																																																																																																																																																																																																																				
	50145	2.00		68044	2.00		orange / orange 	93444		0.50	93416	3.00																																																																																																																																																																																																																																																																																																																																			
	50146	3.00		68045	3.00			93445		1.00	93418	5.00																																																																																																																																																																																																																																																																																																																																			
	50147	5.00		68046	5.00			93448		2.00																																																																																																																																																																																																																																																																																																																																					
	50148	7.50		68048	10.00			93450		3.00																																																																																																																																																																																																																																																																																																																																					
	50149	10.00		68052	50.00			93452		5.00																																																																																																																																																																																																																																																																																																																																					
	50877	15.00																																																																																																																																																																																																																																																																																																																																													
		<table><tr><td colspan="4">Änderungen</td><td colspan="2">Datum</td><td colspan="2">Name</td><td colspan="4">Bezeichnung</td><td colspan="2">Blatt</td></tr><tr><td colspan="2">Datum</td><td colspan="2">Name</td><td>gez.:</td><td>16.07.2020</td><td colspan="2">sm</td><td colspan="4" rowspan="2">CAT 5-xxxx SF/UTP x.xx m</td><td colspan="2" rowspan="2">2 / 2</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td>gepr.:</td><td>16.07.2020</td><td colspan="8">ac</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td>Norm:</td><td colspan="2"></td><td colspan="2"></td><td colspan="4">Zeichnungs-Nr.:</td><td colspan="2">von</td></tr><tr><td colspan="2"></td><td colspan="2"></td><td colspan="4">Änderungen vorbehalten / Subject to change</td><td colspan="4">95203ff</td><td colspan="2"></td></tr></table>														Änderungen				Datum		Name		Bezeichnung				Blatt		Datum		Name		gez.:	16.07.2020	sm		CAT 5-xxxx SF/UTP x.xx m				2 / 2						gepr.:	16.07.2020	ac												Norm:					Zeichnungs-Nr.:				von						Änderungen vorbehalten / Subject to change				95203ff																																																																																																																																																																																																																																																														
	Änderungen				Datum		Name			Bezeichnung				Blatt																																																																																																																																																																																																																																																																																																																																	
	Datum			Name			gez.:	16.07.2020		sm		CAT 5-xxxx SF/UTP x.xx m				2 / 2																																																																																																																																																																																																																																																																																																																															
				gepr.:	16.07.2020	ac																																																																																																																																																																																																																																																																																																																																									
				Norm:					Zeichnungs-Nr.:				von																																																																																																																																																																																																																																																																																																																																		
				Änderungen vorbehalten / Subject to change				95203ff																																																																																																																																																																																																																																																																																																																																							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14																																																																																																																																																																																																																																																																																																																																	