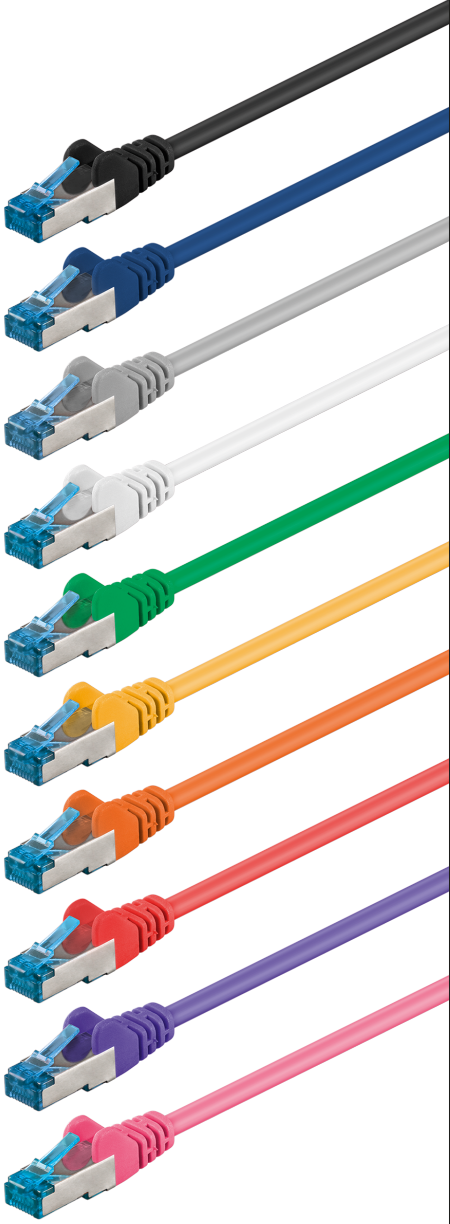
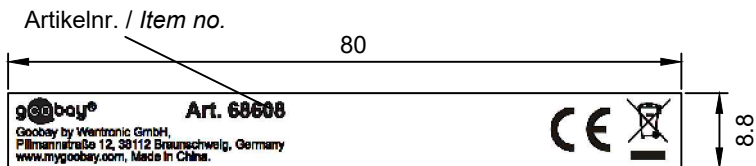
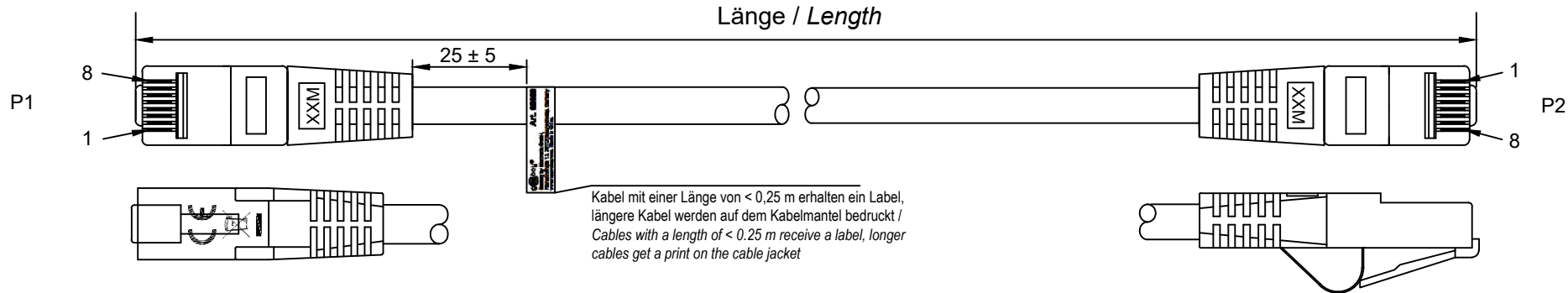
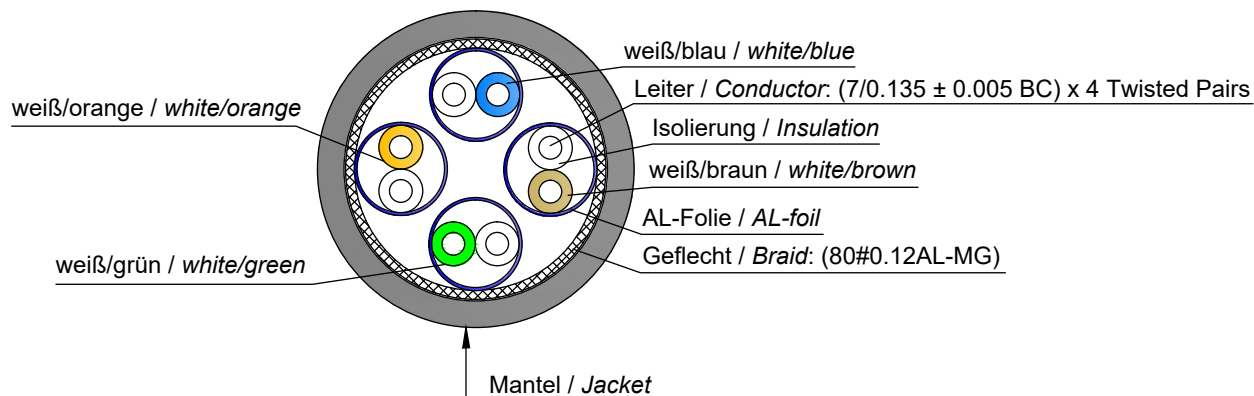


	1	2	3	4	5	6	7	8	9	10	11	12	13	14					
A					CAT 6A Patchkabel, S/FTP (PiMF) - doppelt-geschirmtes LAN-Kabel mit 2x RJ45-Anschlüssen zur Verbindung von Netzwerk-Komponenten - geeignet für 10-Gigabit-Ethernet 10BASE-T, 100BASE-TX, 1000BASE-T, 10/100/1000/10000 Mbit/s - S/FTP-Gesamtschirmung: Aluminium-Folienschirmung für einzelne Adernpaare (PiMF) und Aluminium-Geflechschirmung für den Kabelmantel - hochwertiger Kupferleiter (CU) und mit 3µ vergoldete Kontaktflächen - mit Knickschutztülle und stabiler Ummantelung - Rastnasenschutz am RJ45-Stecker - CAT-6A-getestet (inkl. Messprotokoll) - für Power over Ethernet (PoE, PoE+) geeignet - Längenangabe auf Stecker - Prüfnorm nach ISO/IEC 11801 CAT 6A Class Ea Channel Link Spezifikation: CAT 6A Max. Bandbreite: 500 MHz Kabeltyp: Rundkabel Material Innenleiter: CU (Kupfer) AWG: 27/7 (stranded) Schirmungsklasse: S/FTP (PiMF) Anzahl Schirmungen: 2x Schirmung Typ 1: Folie (Aluminium) PiMF Schirmung Typ 2: Geflecht (Aluminium) Gesamtschirm Material Kabelmantel: LSZH Durchmesser Kabelmantel: 5,9 ± 0.2 mm LSZH-konform: ja Knickschutz: beidseitig Anschlüsse: 2x RJ45-Stecker (8P8C) Anschluss Schirmung: ja Kontakte: vergoldet (3 µm) Gehäusematerial: PVC Rastnasenschutz: beidseitig Kontaktierung: EIA/TIA-568B Biegeradius >: 59 mm Betriebstemperatur : -20 °C ~ +65 °C					CAT 6A Patch Cable, S/FTP (PiMF) - <i>double-shielded LAN cable with 2x RJ45 plugs for connecting network components</i> - <i>suitable for 10 Gigabit Ethernet 10BASE-T, 100BASE-TX, 1000BASE-T, 10/100/1000/10000 Mbit/s</i> - <i>S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath</i> - <i>high-quality copper conductor (CU) and 3µ gold-plated contacts</i> - <i>with bend protection and a sturdy jacket</i> - <i>with latch protection on RJ45 plugs</i> - <i>CAT 6A tested (incl. test report)</i> - <i>suitable for Power over Ethernet (PoE, PoE+)</i> - <i>length indication on connector</i> - <i>Test standard according to ISO/IEC 11801 CAT 6A Class Ea Channel Link</i> <i>Specification: CAT 6A</i> <i>Max. bandwidth: 500 MHz</i> <i>Cable type: round cable</i> <i>Inner conductor material: CU (copper)</i> <i>AWG: 27/7 (stranded)</i> <i>Shielding class: S/FTP (PiMF)</i> <i>Number of shieldings: 2x</i> <i>Shielding type 1: Foil (aluminium) PiMF</i> <i>Shielding type 2: Braid (aluminium) overall shield</i> <i>Cable sheath material: LSZH</i> <i>Cable sheath diameter: 5.9 ± 0.2 mm</i> <i>LSZH-compliant: yes</i> <i>Kink protection: both sides</i> <i>Connections: 2x RJ45 male (8P8C)</i> <i>Connection shielding: yes</i> <i>Contacts: gold-plated (3 µm)</i> <i>Housing material: PVC</i> <i>Latch protection: both sides</i> <i>Contacting: EIA/TIA-568B</i> <i>Bending radius >: 59 mm</i> <i>Operating temperature: -20 °C ~ +65 °C</i>									
B																			
C																			
D																			
E																			
F																			
G																			
H																			
I					Änderungen Datum Name 13.02.2024 ir				gez.:	19.10.2023	anw	Bezeichnung CAT 6a-XXXX S/FTP PIMF LSZH X Xm					Blatt 1/6		
J									gepr.:	19.10.2023	anw	Zeichnungs-Nr.:					von		
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					Änderungen vorbehalten / <i>Subject to change</i>														
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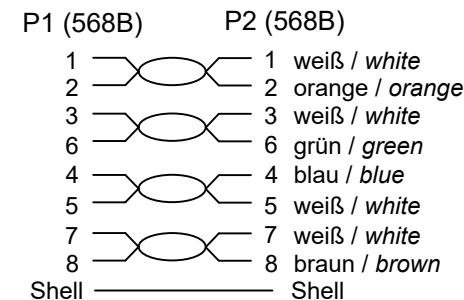




Aderquerschnitt / Wire cross section



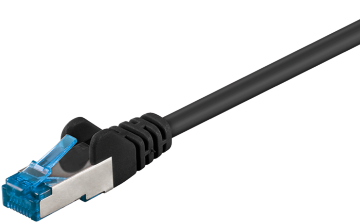
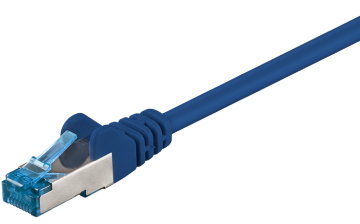

Anschlussdiagramm / Wiring diagram




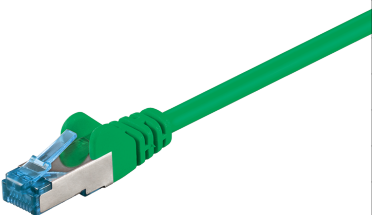
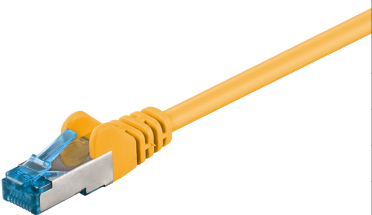
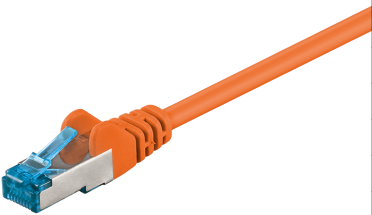
PRINTING: CAT.6A S/FTP PIMF LSZH HALOGENFREE 500 MHz ISO/IEC 11801 & ANSI/TIA-568-C.2 #925# mm/yyyy Wentronic GmbH | Pöhlmannstraße 12 | 38112 | Braunschweig | Germany

Änderungen		Datum	Name	Bezeichnung	Blatt
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13.02.2024	ir	gepr.:	anw		
		Norm:			Zeichnungs-Nr.:
Änderungen vorbehalten / Subject to change					

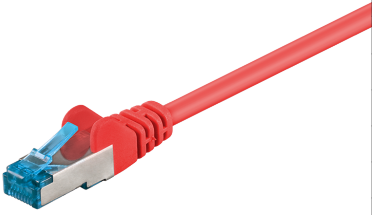



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B			94152	CAT 6a-0025 S/FTP PIMF LSZH SCHWARZ 0.25m			250 ± 10 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						B								
			93664	CAT 6a-0050 S/FTP PIMF LSZH SCHWARZ 0.50m			500 ± 20 mm															
			93685	CAT 6a-0100 S/FTP PIMF LSZH SCHWARZ 1m			1000 ± 20 mm															
			95607	CAT 6a-0150 S/FTP PIMF LSZH SCHWARZ 1.5m			1500 ± 20 mm															
			93746	CAT 6a-0200 S/FTP PIMF LSZH SCHWARZ 2m			2000 ± 30 mm															
			93787	CAT 6a-0300 S/FTP PIMF LSZH SCHWARZ 3m			3000 ± 30 mm															
			93820	CAT 6a-0500 S/FTP PIMF LSZH SCHWARZ 5m			5000 ± 50 mm															
			93853	CAT 6a-0750 S/FTP PIMF LSZH SCHWARZ 7.5m			7500 ± 75 mm															
			93706	CAT 6a-1000 S/FTP PIMF LSZH SCHWARZ 10m			10000 ± 100 mm															
			94153	CAT 6a-1500 S/FTP PIMF LSZH SCHWARZ 15m			15000 ± 150 mm															
D			94154	CAT 6a-2000 S/FTP PIMF LSZH SCHWARZ 20m			20000 ± 200 mm	Channel test accordance with ISO/IEC 11801 Class Ea POE						D								
			94905	CAT 6a-3000 S/FTP PIMF LSZH SCHWARZ 30m			30000 ± 300 mm															
			94906	CAT 6a-5000 S/FTP PIMF LSZH SCHWARZ 50m			50000 ± 500 mm															
E			blau / blue		94130	CAT 6a-0025 S/FTP PIMF LSZH BLAU 0.25m								250 ± 10 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						E	
			93656	CAT 6a-0050 S/FTP PIMF LSZH BLAU 0.50m			500 ± 20 mm															
	93677	CAT 6a-0100 S/FTP PIMF LSZH BLAU 1m			1000 ± 20 mm																	
	95599	CAT 6a-0150 S/FTP PIMF LSZH BLAU 1.5m			1500 ± 20 mm																	
F			93738	CAT 6a-0200 S/FTP PIMF LSZH BLAU 2m			2000 ± 30 mm															
			93779	CAT 6a-0300 S/FTP PIMF LSZH BLAU 3m			3000 ± 30 mm															
			93812	CAT 6a-0500 S/FTP PIMF LSZH BLAU 5m			5000 ± 50 mm															
			93845	CAT 6a-0750 S/FTP PIMF LSZH BLAU 7.5m			7500 ± 75 mm															
			93698	CAT 6a-1000 S/FTP PIMF LSZH BLAU 10m			10000 ± 100 mm															
G			94131	CAT 6a-1500 S/FTP PIMF LSZH BLAU 15m			15000 ± 150 mm	Channel test accordance with ISO/IEC 11801 Class Ea POE						G								
			94133	CAT 6a-2000 S/FTP PIMF LSZH BLAU 20m			20000 ± 200 mm															
			94911	CAT 6a-3000 S/FTP PIMF LSZH BLAU 30m			30000 ± 300 mm															
H														H								
I	Änderungen			Datum	Name		Bezeichnung				Blatt		I									
	Datum	Name	gez.:	19.10.2023	anw		CAT 6a-XXXX S/FTP PIMF LSZH X Xm						3/6									
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J			Änderungen vorbehalten / Subject to change											J								

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B			94137	CAT 6a-0025 S/FTP PIMF LSZH GRAU 0.25m				250 ± 10 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						
	93659	CAT 6a-0050 S/FTP PIMF LSZH GRAU 0.50m				500 ± 20 mm									
	93680	CAT 6a-0100 S/FTP PIMF LSZH GRAU 1m				1000 ± 20 mm									
	95602	CAT 6a-0150 S/FTP PIMF LSZH GRAU 1.5m				1500 ± 20 mm									
C	93741	CAT 6a-0200 S/FTP PIMF LSZH GRAU 2m				2000 ± 30 mm									
	93782	CAT 6a-0300 S/FTP PIMF LSZH GRAU 3m				3000 ± 30 mm									
	93815	CAT 6a-0500 S/FTP PIMF LSZH GRAU 5m				5000 ± 50 mm									
	93848	CAT 6a-0750 S/FTP PIMF LSZH GRAU 7.5m				7500 ± 75 mm									
	93701	CAT 6a-1000 S/FTP PIMF LSZH GRAU 10m				10000 ± 100 mm									
	94138	CAT 6a-1500 S/FTP PIMF LSZH GRAU 15m				15000 ± 150 mm									
D	94139	CAT 6a-2000 S/FTP PIMF LSZH GRAU 20m				20000 ± 200 mm	Channel test accordance with ISO/IEC 11801 Class Ea POE								
	94907	CAT 6a-3000 S/FTP PIMF LSZH GRAU 30m				30000 ± 300 mm									
	94908	CAT 6a-5000 S/FTP PIMF LSZH GRAU 50m				50000 ± 500 mm									
	94158	CAT 6a-0025 S/FTP PIMF LSZH WEISS 0.25m				250 ± 10 mm									
E	weiß / white		93667	CAT 6a-0050 S/FTP PIMF LSZH WEISS 0.50m				500 ± 20 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						
			93688	CAT 6a-0100 S/FTP PIMF LSZH WEISS 1m				1000 ± 20 mm							
	95609	CAT 6a-0150 S/FTP PIMF LSZH WEISS 1.5m				1500 ± 20 mm									
F	93749	CAT 6a-0200 S/FTP PIMF LSZH WEISS 2m				2000 ± 30 mm									
	93790	CAT 6a-0300 S/FTP PIMF LSZH WEISS 3m				3000 ± 30 mm									
	93823	CAT 6a-0500 S/FTP PIMF LSZH WEISS 5m				5000 ± 50 mm									
	93856	CAT 6a-0750 S/FTP PIMF LSZH WEISS 7.5m				7500 ± 75 mm									
	93709	CAT 6a-1000 S/FTP PIMF LSZH WEISS 10m				10000 ± 100 mm									
	94159	CAT 6a-1500 S/FTP PIMF LSZH WEISS 15m				15000 ± 150 mm									
	94160	CAT 6a-2000 S/FTP PIMF LSZH WEISS 20m				20000 ± 200 mm									
G	94909	CAT 6a-3000 S/FTP PIMF LSZH WEISS 30m				30000 ± 300 mm	Channel test accordance with ISO/IEC 11801 Class Ea POE								
	94910	CAT 6a-5000 S/FTP PIMF LSZH WEISS 50m				50000 ± 500 mm									
H															
I	Änderungen				Datum	Name		Bezeichnung				Blatt			
	Datum	Name		gez.:	19.10.2023	anw		CAT 6a-XXXX S/FTP PIMF LSZH X Xm				 4/6			
	13.02.2024	ir		gepr.:	19.10.2023	anw									
				Norm:					Zeichnungs-Nr.:				von		
J			Änderungen vorbehalten / Subject to change												

1	2	3	4	5	6	7	8	9	10	11	12	13	14							
A	Farbe / Colour		Art.-Nr. / Item No.	ERP Name / ERP Name			Länge / Length (L)	Performance / Performance												
B			94140	CAT 6a-0025 S/FTP PIMF LSZH GRÜN 0.25m			250 ± 10 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE												
			93660	CAT 6a-0050 S/FTP PIMF LSZH GRÜN 0.50m			500 ± 20 mm													
			93681	CAT 6a-0100 S/FTP PIMF LSZH GRÜN 1m			1000 ± 20 mm													
			95603	CAT 6a-0150 S/FTP PIMF LSZH GRÜN 1.5m			1500 ± 20 mm													
			93742	CAT 6a-0200 S/FTP PIMF LSZH GRÜN 2m			2000 ± 30 mm													
			93783	CAT 6a-0300 S/FTP PIMF LSZH GRÜN 3m			3000 ± 30 mm													
			93816	CAT 6a-0500 S/FTP PIMF LSZH GRÜN 5m			5000 ± 50 mm													
			93849	CAT 6a-0750 S/FTP PIMF LSZH GRÜN 7.5m			7500 ± 75 mm													
			93702	CAT 6a-1000 S/FTP PIMF LSZH GRÜN 10m			10000 ± 100 mm													
			94141	CAT 6a-1500 S/FTP PIMF LSZH GRÜN 15m			15000 ± 150 mm													
D			94142	CAT 6a-2000 S/FTP PIMF LSZH GRÜN 20m			20000 ± 200 mm	Channel test accordance with ISO/IEC 11801 Class Ea POE												
			65557	CAT 6a-5000 S/FTP PIMF LSZH GRÜN 50m			50000 ± 500 mm													
			94134	CAT 6a-0025 S/FTP PIMF LSZH GELB 0.25m			250 ± 10 mm													
E			93658	CAT 6a-0050 S/FTP PIMF LSZH GELB 0.50m			500 ± 20 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE												
			93679	CAT 6a-0100 S/FTP PIMF LSZH GELB 1m			1000 ± 20 mm													
			95601	CAT 6a-0150 S/FTP PIMF LSZH GELB 1.5m			1500 ± 20 mm													
			93740	CAT 6a-0200 S/FTP PIMF LSZH GELB 2m			2000 ± 30 mm													
			93781	CAT 6a-0300 S/FTP PIMF LSZH GELB 3m			3000 ± 30 mm													
			93814	CAT 6a-0500 S/FTP PIMF LSZH GELB 5m			5000 ± 50 mm													
			93847	CAT 6a-0750 S/FTP PIMF LSZH GELB 7.5m			7500 ± 75 mm													
			93700	CAT 6a-1000 S/FTP PIMF LSZH GELB 10m			10000 ± 100 mm													
			94135	CAT 6a-1500 S/FTP PIMF LSZH GELB 15m			15000 ± 150 mm													
			94146	CAT 6a-0025 S/FTP PIMF LSZH ORANGE 0.25m			250 ± 10 mm													
G			93662	CAT 6a-0050 S/FTP PIMF LSZH ORANGE 0.50m			500 ± 20 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE												
			93683	CAT 6a-0100 S/FTP PIMF LSZH ORANGE 1m			1000 ± 20 mm													
			95605	CAT 6a-0150 S/FTP PIMF LSZH ORANGE 1.5m			1500 ± 20 mm													
			93744	CAT 6a-0200 S/FTP PIMF LSZH ORANGE 2m			2000 ± 30 mm													
			93785	CAT 6a-0300 S/FTP PIMF LSZH ORANGE 3m			3000 ± 30 mm													
			93818	CAT 6a-0500 S/FTP PIMF LSZH ORANGE 5m			5000 ± 50 mm													
			93851	CAT 6a-0750 S/FTP PIMF LSZH ORANGE 7.5m			7500 ± 75 mm													
			93704	CAT 6a-1000 S/FTP PIMF LSZH ORANGE 10m			10000 ± 100 mm													
			Änderungen		Datum	Name								Bezeichnung						Blatt
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J			Norm:			Zeichnungs-Nr.:						von								
			Änderungen vorbehalten / Subject to change																	



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B			94149	CAT 6a-0025 S/FTP PIMF LSZH ROT 0.25m				250 ± 10 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						B	
			93663	CAT 6a-0050 S/FTP PIMF LSZH ROT 0.50m				500 ± 20 mm								
			93684	CAT 6a-0100 S/FTP PIMF LSZH ROT 1m				1000 ± 20 mm								
			95606	CAT 6a-0150 S/FTP PIMF LSZH ROT 1.5m				1500 ± 20 mm								
			93745	CAT 6a-0200 S/FTP PIMF LSZH ROT 2m				2000 ± 30 mm								
			93786	CAT 6a-0300 S/FTP PIMF LSZH ROT 3m				3000 ± 30 mm								
			93819	CAT 6a-0500 S/FTP PIMF LSZH ROT 5m				5000 ± 50 mm								
			93852	CAT 6a-0750 S/FTP PIMF LSZH ROT 7.5m				7500 ± 75 mm								
			93705	CAT 6a-1000 S/FTP PIMF LSZH ROT 10m				10000 ± 100 mm								
			94150	CAT 6a-1500 S/FTP PIMF LSZH ROT 15m				15000 ± 150 mm								
D			94151	CAT 6a-2000 S/FTP PIMF LSZH ROT 20m				20000 ± 200 mm	Channel test accordance with ISO/IEC 11801 Class Ea POE						D	
E	violett / violet		94155	CAT 6a-0025 S/FTP PIMF LSZH VIOLETT 0.25m				250 ± 10 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						E	
			93666	CAT 6a-0050 S/FTP PIMF LSZH VIOLETT 0.50m				500 ± 20 mm								
			93687	CAT 6a-0100 S/FTP PIMF LSZH VIOLETT 1m				1000 ± 20 mm								
			95608	CAT 6a-0150 S/FTP PIMF LSZH VIOLETT 1.5m				1500 ± 20 mm								
			93748	CAT 6a-0200 S/FTP PIMF LSZH VIOLETT 2m				2000 ± 30 mm								
			93789	CAT 6a-0300 S/FTP PIMF LSZH VIOLETT 3m				3000 ± 30 mm								
			93822	CAT 6a-0500 S/FTP PIMF LSZH VIOLETT 5m				5000 ± 50 mm								
			93855	CAT 6a-0750 S/FTP PIMF LSZH VIOLETT 7.5m				7500 ± 75 mm								
			93708	CAT 6a-1000 S/FTP PIMF LSZH VIOLETT 10m				10000 ± 100 mm								
			94156	CAT 6a-1500 S/FTP PIMF LSZH VIOLETT 15m				15000 ± 150 mm								
F				Channel test accordance with ISO/IEC 11801 Class Ea POE				1 Cord + 50 m + 0.5 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						F		
G	magenta / magenta		94143	CAT 6a-0025 S/FTP PIMF LSZH MAGENTA 0.25m				250 ± 10 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						G	
			93661	CAT 6a-0050 S/FTP PIMF LSZH MAGENTA 0.50m				500 ± 20 mm								
			93682	CAT 6a-0100 S/FTP PIMF LSZH MAGENTA 1m				1000 ± 20 mm								
			95604	CAT 6a-0150 S/FTP PIMF LSZH MAGENTA 1.5m				1500 ± 20 mm								
			93743	CAT 6a-0200 S/FTP PIMF LSZH MAGENTA 2m				2000 ± 30 mm								
			93784	CAT 6a-0300 S/FTP PIMF LSZH MAGENTA 3m				3000 ± 30 mm								
			93817	CAT 6a-0500 S/FTP PIMF LSZH MAGENTA 5m				5000 ± 50 mm								
			93850	CAT 6a-0750 S/FTP PIMF LSZH MAGENTA 7.5m				7500 ± 75 mm								
			93703	CAT 6a-1000 S/FTP PIMF LSZH MAGENTA 10m				10000 ± 100 mm								
			94144	CAT 6a-1500 S/FTP PIMF LSZH MAGENTA 15m				15000 ± 150 mm								
H				Channel test accordance with ISO/IEC 11801 Class Ea POE				1 Cord + 50 m + 0.5 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						H		
I	Änderungen			Datum	Name			Bezeichnung				Blatt			I	
	Datum		Name	gez.:	19.10.2023	anw		CAT 6a-XXXX S/FTP PIMF LSZH							6/6	
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				Änderungen vorbehalten / Subject to change				93565ff								