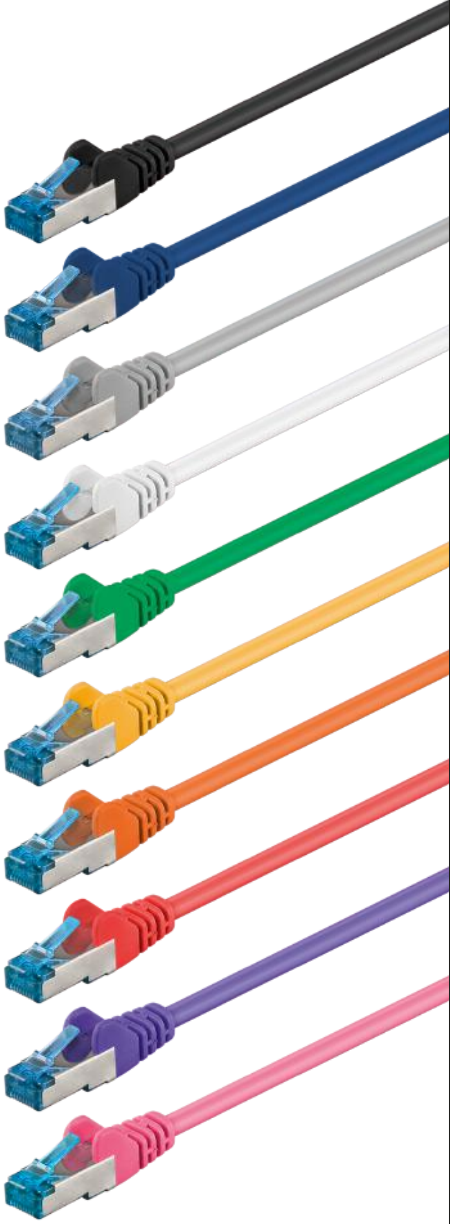
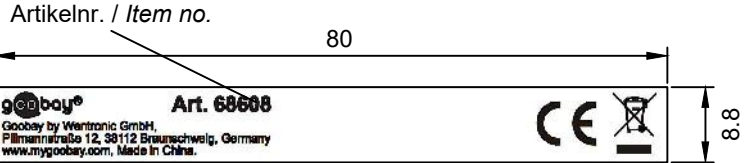
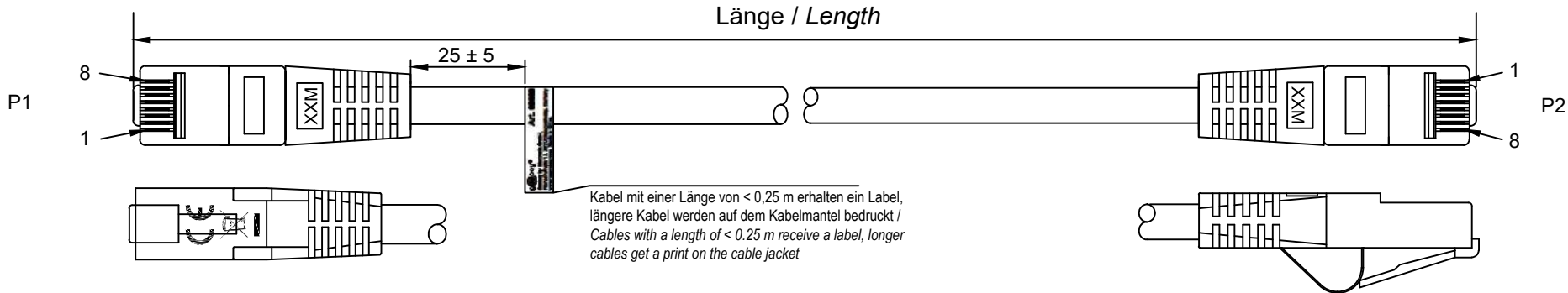
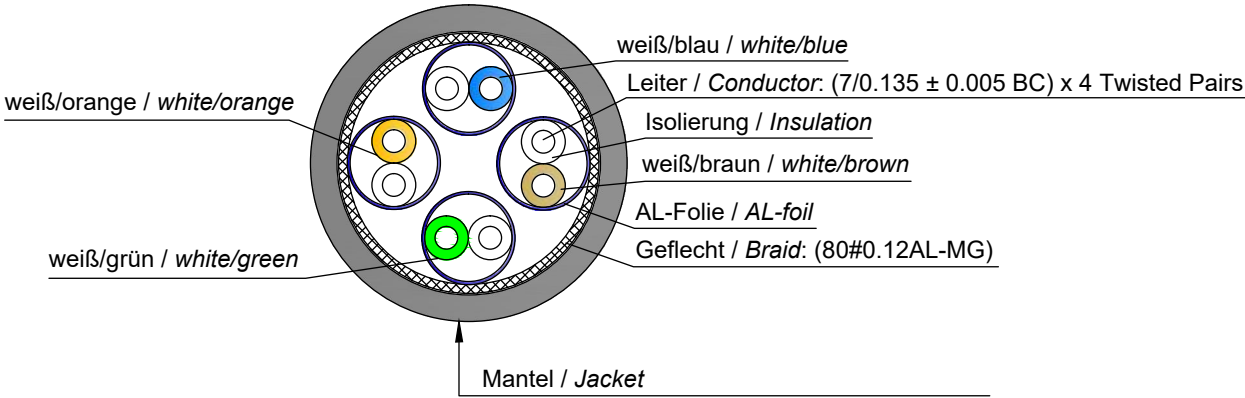


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A					CAT 6A Patchkabel, S/FTP (PiMF) <ul style="list-style-type: none"> - doppelt-geschirmtes LAN-Kabel mit 2x RJ45-Anschlüssen zur Verbindung von Netzwerk-Komponenten - geeignet für 10-Gigabit-Ethernet 10BASE-T, 100BASE-TX, 1000BASE-T, 10/100/1000/10000 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 				CAT 6A Patch Cable, S/FTP (PiMF) <ul style="list-style-type: none"> - double-shielded LAN cable with 2x RJ45 plugs for connecting network components - suitable for 10 Gigabit Ethernet 10BASE-T, 100BASE-TX, 1000BASE-T, 10/100/1000/10000 Mbit/s - S/FTP overall shield: aluminium foil shield for individual wire pairs (PiMF) and aluminium braid shield for the cable sheath - high-quality copper conductor (CU) and 3µ gold-plated contacts - with bend protection and a sturdy jacket - with latch protection on RJ45 plugs - CAT 6A tested (incl. test report) - suitable for Power over Ethernet (PoE, PoE+) - length indication on connector - Test standard according to ISO/IEC 11801 CAT 6A Class Ea Channel Link 																													
B					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				Specification: CAT 6A Max. bandwidth: 500 MHz Cable type: round cable Inner conductor material: CU (copper) AWG: 27/7 (stranded) Shielding class: S/FTP (PiMF) Number of shieldings: 2x Shielding type 1: Foil (aluminium) PiMF Shielding type 2: Braid (aluminium) overall shield																													
C					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				Cable sheath material: LSZH Cable sheath diameter: 5.9 ± 0.2 mm LSZH-compliant: yes Kink protection: both sides Connections: 2x RJ45 male (8P8C) Connection shielding: yes Contacts: gold-plated (3 µm) Housing material: PVC Latch protection: both sides Contacting: EIA/TIA-568B Bending radius >: 59 mm Operating temperature: -20 °C ~ +65 °C																													
D					Änderungen				Änderungen																													
E					<table border="1"> <thead> <tr> <th>Datum</th> <th>Name</th> <th>gez.:</th> <th>Datum</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>13.02.2024</td> <td>ir</td> <td>gez.:</td> <td>19.10.2023</td> <td>anw</td> </tr> <tr> <td></td> <td></td> <td>gepr.:</td> <td>19.10.2023</td> <td>anw</td> </tr> <tr> <td></td> <td></td> <td>Norm:</td> <td></td> <td></td> </tr> </tbody> </table>				Datum	Name	gez.:	Datum	Name	13.02.2024	ir	gez.:	19.10.2023	anw			gepr.:	19.10.2023	anw			Norm:			<table border="1"> <thead> <tr> <th>Bezeichnung</th> <th>Blatt</th> </tr> </thead> <tbody> <tr> <td>CAT 6a-XXXX S/FTP PIMF LSZH X Xm</td> <td>1/6</td> </tr> <tr> <td>Zeichnungs-Nr.:</td> <td>von</td> </tr> </tbody> </table>				Bezeichnung	Blatt	CAT 6a-XXXX S/FTP PIMF LSZH X Xm	1/6	Zeichnungs-Nr.:	von
Datum					Name	gez.:	Datum	Name																														
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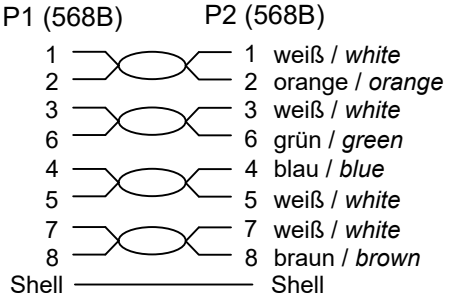




Aderquerschnitt / Wire cross section









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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		Norm:		Zeichnungs-Nr.:	
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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					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																	
	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																	
	94131	CAT 6a-1500 S/FTP PIMF LSZH BLAU 15m			15000 ± 150 mm																	
G			94133	CAT 6a-2000 S/FTP PIMF LSZH BLAU 20m			20000 ± 200 mm	Channel test accordance with ISO/IEC 11801 Class Ea POE						G								
			94911	CAT 6a-3000 S/FTP PIMF LSZH BLAU 30m			30000 ± 300 mm															
H														H								
I	Änderungen			Datum	Name		Bezeichnung					Blatt	I									
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	13.02.2024	ir	gepr.:	19.10.2023	anw																	
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B			93659	CAT 6a-0050 S/FTP PIMF LSZH GRAU 0.50m				500 ± 20 mm							
B			93680	CAT 6a-0100 S/FTP PIMF LSZH GRAU 1m				1000 ± 20 mm							
B			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							
C			93782	CAT 6a-0300 S/FTP PIMF LSZH GRAU 3m				3000 ± 30 mm							
C			93815	CAT 6a-0500 S/FTP PIMF LSZH GRAU 5m				5000 ± 50 mm							
C			93848	CAT 6a-0750 S/FTP PIMF LSZH GRAU 7.5m				7500 ± 75 mm							
D			93701	CAT 6a-1000 S/FTP PIMF LSZH GRAU 10m				10000 ± 100 mm							
D			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								
D	94907	CAT 6a-3000 S/FTP PIMF LSZH GRAU 30m				30000 ± 300 mm									
D	94908	CAT 6a-5000 S/FTP PIMF LSZH GRAU 50m				50000 ± 500 mm									
D	94909	CAT 6a-5000 S/FTP PIMF LSZH GRAU 50m				50000 ± 500 mm									
E			94158	CAT 6a-0025 S/FTP PIMF LSZH WEISS 0.25m				250 ± 10 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						
E			93667	CAT 6a-0050 S/FTP PIMF LSZH WEISS 0.50m				500 ± 20 mm							
E			93688	CAT 6a-0100 S/FTP PIMF LSZH WEISS 1m				1000 ± 20 mm							
F			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							
F			93790	CAT 6a-0300 S/FTP PIMF LSZH WEISS 3m				3000 ± 30 mm							
F			93823	CAT 6a-0500 S/FTP PIMF LSZH WEISS 5m				5000 ± 50 mm							
F			93856	CAT 6a-0750 S/FTP PIMF LSZH WEISS 7.5m				7500 ± 75 mm							
G			93709	CAT 6a-1000 S/FTP PIMF LSZH WEISS 10m				10000 ± 100 mm							
G			94159	CAT 6a-1500 S/FTP PIMF LSZH WEISS 15m				15000 ± 150 mm							
G	94160	CAT 6a-2000 S/FTP PIMF LSZH WEISS 20m				20000 ± 200 mm	Channel test accordance with ISO/IEC 11801 Class Ea POE								
G	94909	CAT 6a-3000 S/FTP PIMF LSZH WEISS 30m				30000 ± 300 mm									
G	94910	CAT 6a-5000 S/FTP PIMF LSZH WEISS 50m				50000 ± 500 mm									
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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						B							
			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														
			D			94141	CAT 6a-1500 S/FTP PIMF LSZH GRÜN 15m								15000 ± 150 mm	Channel test accordance with ISO/IEC 11801 Class Ea POE					
94142	CAT 6a-2000 S/FTP PIMF LSZH GRÜN 20m					20000 ± 200 mm															
65557	CAT 6a-5000 S/FTP PIMF LSZH GRÜN 50m					50000 ± 500 mm															
E			94134	CAT 6a-0025 S/FTP PIMF LSZH GELB 0.25m			250 ± 10 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						E							
			93658	CAT 6a-0050 S/FTP PIMF LSZH GELB 0.50m			500 ± 20 mm														
			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								Channel test accordance with ISO/IEC 11801 Class Ea POE						F
G			94146	CAT 6a-0025 S/FTP PIMF LSZH ORANGE 0.25m			250 ± 10 mm	2 Cords + 50 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						G							
			93662	CAT 6a-0050 S/FTP PIMF LSZH ORANGE 0.50m			500 ± 20 mm														
			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								1 Cord + 50 m + 0.5 m channel link Test accordance with ISO/IEC 11801 Class Ea POE						
			I	Änderungen			Datum								Name		Bezeichnung				
Datum	Name	gez.:		19.10.2023	anw		CAT 6a-XXXX S/FTP PIMF LSZH					5/6									
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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
C			93663	CAT 6a-0050 S/FTP PIMF LSZH ROT 0.50m				500 ± 20 mm							C
D			93684	CAT 6a-0100 S/FTP PIMF LSZH ROT 1m				1000 ± 20 mm							D
E			95606	CAT 6a-0150 S/FTP PIMF LSZH ROT 1.5m				1500 ± 20 mm							E
F			93745	CAT 6a-0200 S/FTP PIMF LSZH ROT 2m				2000 ± 30 mm							F
G			93786	CAT 6a-0300 S/FTP PIMF LSZH ROT 3m				3000 ± 30 mm							G
H			93819	CAT 6a-0500 S/FTP PIMF LSZH ROT 5m				5000 ± 50 mm							H
I			93852	CAT 6a-0750 S/FTP PIMF LSZH ROT 7.5m				7500 ± 75 mm							I
J			93705	CAT 6a-1000 S/FTP PIMF LSZH ROT 10m				10000 ± 100 mm							J
					94150	CAT 6a-1500 S/FTP PIMF LSZH ROT 15m									15000 ± 150 mm
			94151	CAT 6a-2000 S/FTP PIMF LSZH ROT 20m				20000 ± 200 mm							
A	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						A
B			93666	CAT 6a-0050 S/FTP PIMF LSZH VIOLETT 0.50m				500 ± 20 mm							B
C			93687	CAT 6a-0100 S/FTP PIMF LSZH VIOLETT 1m				1000 ± 20 mm							C
D			95608	CAT 6a-0150 S/FTP PIMF LSZH VIOLETT 1.5m				1500 ± 20 mm							D
E			93748	CAT 6a-0200 S/FTP PIMF LSZH VIOLETT 2m				2000 ± 30 mm							E
F			93789	CAT 6a-0300 S/FTP PIMF LSZH VIOLETT 3m				3000 ± 30 mm							F
G			93822	CAT 6a-0500 S/FTP PIMF LSZH VIOLETT 5m				5000 ± 50 mm							G
H			93855	CAT 6a-0750 S/FTP PIMF LSZH VIOLETT 7.5m				7500 ± 75 mm							H
I			93708	CAT 6a-1000 S/FTP PIMF LSZH VIOLETT 10m				10000 ± 100 mm							I
J			94156	CAT 6a-1500 S/FTP PIMF LSZH VIOLETT 15m				15000 ± 150 mm							J
					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				
			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							
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