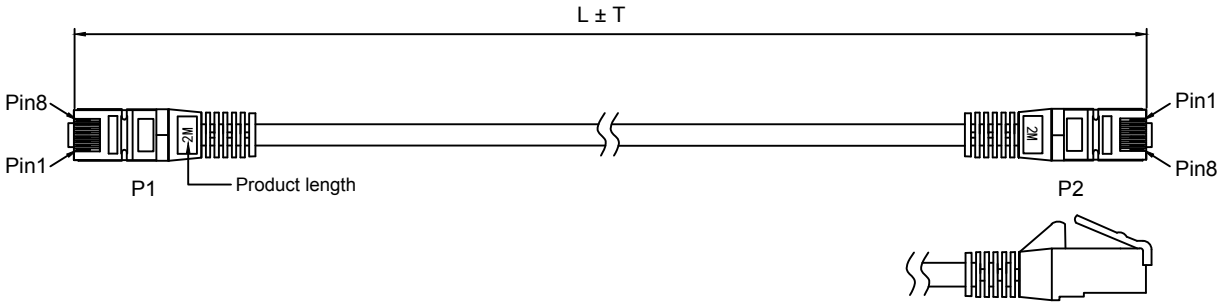
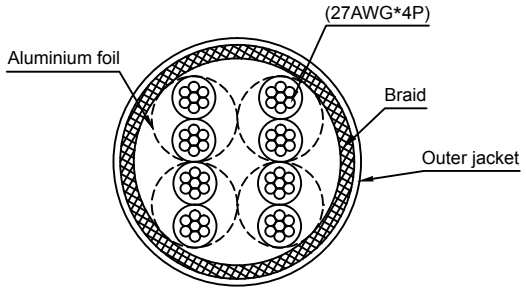
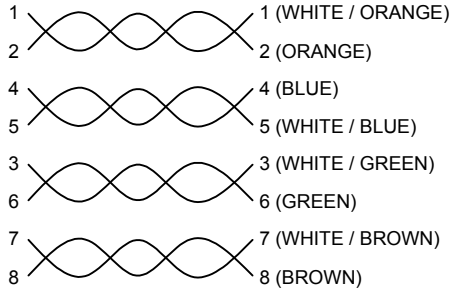
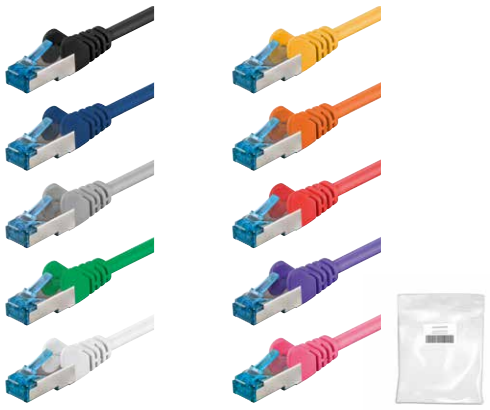




P1 WIRING DIAGRAM P2



Spezifikation / *Specification*	CAT 6A
Kabeltyp / *Cable type*	Rundkabel / *round cable*
Innenleiter, Material / *Inner conductor material*	CU (Kupfer) / *CU (copper)*
Innenleiter, Aderdurchmesser / *Inner conductor, core diameter*	(7/0.135 ± 0.005 mm)
AWG	27/7 (stranded)
Schirmungsklasse / *Shielding class*	S/FTP (PiMF)
Anzahl Schirmungen / *Number of shieldings*	2 x
Typ 1, Schirmung / *Type 1, shielding*	Folie (Alu) PiMF/ *foil (alu) PiMF*
Typ 2, Schirmung / *Type 2, shielding*	Geflecht (Alu) Gesamtschirm/ *braid (alu) overall shield*
Durchmesser Kabelmantel (ca.) / *Cable sheath diameter (approx.)*	Ø 5.9 ± 0.2 mm, LSZH
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*	500 MHz



Length ± Tolerance
250 ± 10 mm
500 ± 10 mm
1000 ± 10 mm
1500 ± 15 mm
2000 ± 20 mm
3000 ± 30 mm
5000 ± 50 mm
7500 ± 75 mm
10000 ± 100 mm
15000 ± 150 mm
20000 ± 200 mm
25000 ± 250 mm
30000 ± 300 mm
50000 ± 500 mm

CAT 6A Patchkabel, S/FTP (PiMF)

- doppelt geschirmtes LAN/Netzwerkkabel zum Anschluss Ihrer Netzwerkkomponenten mit 2x RJ45 Steckern
- Cat 6(A) getestet - inklusiv Messprotokoll
- mit vergoldeten Kontaktflächen (PINs)
- Aderpaarschirmung: PIMF (Paare in Metall Folie) + Gesamtschirmung: Geflecht
- Längenangabe auf Slimline-Knickschutztülle, mit Rastnasenschutz
- geeignet für Power over Ethernet (PoE/PoE+)
- Paarfolge nach EIA/TIA 568B
- Betriebstemperatur: -20 °C bis 65 °C

CAT 6A patch cable, S/FTP (PiMF)

- *double shielded LAN/network cable to connect network components with 2 x RJ45 connectors*
- *Cat 6(A) tested - incl. test report*
- *with gold plated PINs*
- *pairs screening: PIMF (pairs in metal foil) + outer shield: braiding*
- *with length indication on the slimline strain relief, with latch protection*
- *suitable for Power over Ethernet (PoE/PoE+)*
- *pair-sequence acc. to EIA/TIA 568B*
- *Operating temperature:* -20 °C up to 65 °C

Änderungen			Datum	Name
Datum	Name	gez.:	27.08.2020	sm
22.12.2020	ir	gepr.:	27.08.2020	ac
		Norm:		
		Änderungen vorbehalten / *Subject to change*		

Bezeichnung: CAT 6a-xxxx S/FTP PIMF LSZH x.xx m

Zeichnungs-Nr.: 94130ff

Blatt: 1 / 2

von

sales@prom-elec.com / ООО ПРОМЭЛЕКТРОНИКА

Farbe / *Colour*	Art.	L [m]
schwarz / *black*	94152	0.25
	93664	0.50
	93685	1.00
	95607	1.50
	93746	2.00
	93787	3.00
	93820	5.00
	93853	7.50
	93706	10.00
	94153	15.00
	94154	20.00
	94905	30.00
	94906	50.00
blau / *blue*	94130	0.25
	93656	0.50
	93677	1.00
	95599	1.50
	93738	2.00
	93779	3.00
	93812	5.00
	93845	7.50
	93698	10.00
	94131	15.00
	94133	20.00
	94911	30.00

Farbe / *Colour*	Art.	L [m]
grau / *grey*	94137	0.25
	93659	0.50
	93680	1.00
	95602	1.50
	93741	2.00
	93782	3.00
	93815	5.00
	93848	7.50
	93701	10.00
	94138	15.00
	94139	20.00
	94907	30.00
	94908	50.00
grün / *green*	94140	0.25
	93660	0.50
	93681	1.00
	95603	1.50
	93742	2.00
	93783	3.00
	93816	5.00
	93849	7.50
	93702	10.00
	94141	15.00
	94142	20.00

Farbe / *Colour*	Art.	L [m]
weiß / *white*	94158	0.25
	93667	0.50
	93688	1.00
	95609	1.50
	93749	2.00
	93790	3.00
	93823	5.00
	93856	7.50
	93709	10.00
	94159	15.00
	94160	20.00
	94909	30.00
	94910	50.00
gelb / *yellow*	94134	0.25
	93658	0.50
	93679	1.00
	95601	1.50
	93740	2.00
	93781	3.00
	93814	5.00
	93847	7.50
	93700	10.00
	94135	15.00

Farbe / *Colour*	Art.	L [m]
orange / *orange*	94146	0.25
	93662	0.50
	93683	1.00
	95605	1.50
	93744	2.00
	93785	3.00
	93818	5.00
	93851	7.50
	93704	10.00
rot / *red*	94149	0.25
	93663	0.50
	93684	1.00
	95606	1.50
	93745	2.00
	93786	3.00
	93819	5.00
	93852	7.50
	93705	10.00
	94150	15.00
	94151	20.00

Farbe / *Colour*	Art.	L [m]
violett / *violett*	94155	0.25
	93666	0.50
	93687	1.00
	95608	1.50
	93748	2.00
	93789	3.00
	93822	5.00
	93855	7.50
	93708	10.00
	94156	15.00
magenta / *magenta*	94143	0.25
	93661	0.50
	93682	1.00
	95604	1.50
	93743	2.00
	93784	3.00
	93817	5.00
	93850	7.50
	93703	10.00
	94144	15.00

Änderungen				Datum	Name	Bezeichnung		Blatt
Datum	Name		gez.:	27.08.2020	sm	CAT 6a-xxxx S/FTP PIMF LSZH x.xx m	goobay®	2 / 2
			gepr.:	27.08.2020	ac			
			Norm:			Zeichnungs-Nr.:		von
			Änderungen vorbehalten / *Subject to change*			94130ff		