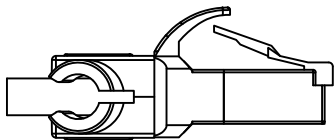
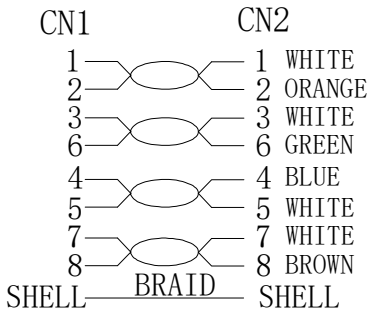


WIRING DIAGRAM



- NOTE:
- 1.Cat7 raw cable configured with RJ45 plug test by Fluke Channel Test ISO 11801 channel Class Ea up to 500Mhz.
 - 2.RoHS 2.0 AND REACH compliant
 - 3.Electrical test:100% open short & miss wire test;
 - 4.OPERATING TEMPERATURE:-20℃ ~ 75℃
STORAGE TEMPERATURE:-10℃ ~ 60℃
 - 5.Print word: CAT6A S/FTP Patch cord with CAT7 RAW Cable 4x2x28AWG/7 TPE-LSZH ISO11801 & EN50173 & ANSI/TIA568.2-D www.Synergy21.de
 - 6.Support PoE per IEEE802.3af,PoE+ per IEEE802.3at, PoE++ per IEEE802.3bt
 - 7.ISO/IEC 11801:2017 ClassF 600Mhz (only refer to Cat7 raw cable)
 - 8.EN 50173 ClassF 600Mhz (only refer to Cat7 raw cable)
 - 9.ANSI/TIA 568.2-D Cat.7 (only refer to Cat7 raw cable)
 - 10.Connectors specification (IEC 60603-7)
 - 11.Flame retardant (IEC60332-1-2)
 - 12.Low smoke (IEC 61034)
 - 13.Halogen free (IEC 60754-1/2)
 - 14.Plug Contacts durability:750 cycles min
 - 15.SinglePack: 1PC/SYNERGY 21 A bag+label; SubPack: 10pcs/PE bag+label; Carton +labelx2;

MATERIAL LIST

④	Rotating Part	PC Black	2	
③	OVER MOLD	PP Black	2	
②	CONNECTOR	RJ45 8P8C Shielded Plug, Pin Gold Plated 3u" Shell Nickel plating plug Transparent yellow	2	
①	CABLE	S/FTP CAT. 7 28AWG (BC*1P+AL-FOLL)*4PAIRS+BRAID (AL-MG) JACKET:TPE-LSZH OD:4.5±0.2mm	1	
NO.	PARTS NAME	SPECIFICATION STANDARD	QT' Y	REMARK
		NEW	2025-03-21	A
BY	CHK	REVISION RECORD MODIFICATION	DATE	REV.

SYNERGY 21					
CUSTOMER		ITEM NO.	See The Chart		
PRODUCT NAME		manufacture country:	CHINA	UNIT	MM
DRAWN BY		CHECK BY	APPO BY	DATE	
SYNERGY 21		SYNERGY 21	SYNERGY 21	2025-03-21	

COLOR:GREY RAL 7035	
Item No.	Length (mm)
S218100	150±25
S218101	250±25
S218102	500±25
S218103	1000±25
S218104	1500±30
S218105	2000±30
S218106	3000±50
S218107	5000±100
S218108	7500±150
S218109	10000±300

COLOR:BLACK PANTONE BLACK 3C	
Item No.	Length (mm)
S218110	150±25
S218111	250±25
S218112	500±25
S218113	1000±25
S218114	1500±30
S218115	2000±30
S218116	3000±50
S218117	5000±100
S218118	7500±150
S218119	10000±300

COLOR:WHITE RAL 9003	
Item No.	Length (mm)
S218120	150±25
S218121	250±25
S218122	500±25
S218123	1000±25
S218124	1500±30
S218125	2000±30
S218126	3000±50
S218127	5000±100
S218128	7500±150
S218129	10000±300

SYNERGY 21									
CUSTOMER				ITEM NO.	See The Chart				
					PRODUCT NAME	90° Angled Cat6A-SlimLAN Datacenter slimline tangle free Cat. 6A 28AWG With CAT7 RAW Cable BC PPE-LSZH, short plug	manufacture country:	CHINA	UNIT MM
		NEW			2025-03-21	A	DRAWN BY	CHECK BY	APPO BY DATE
BY	CHK	REVISION RECORD MODIFICATION			DATE	REV.	SYNERGY 21	SYNERGY 21	SYNERGY 21 2025-03-21