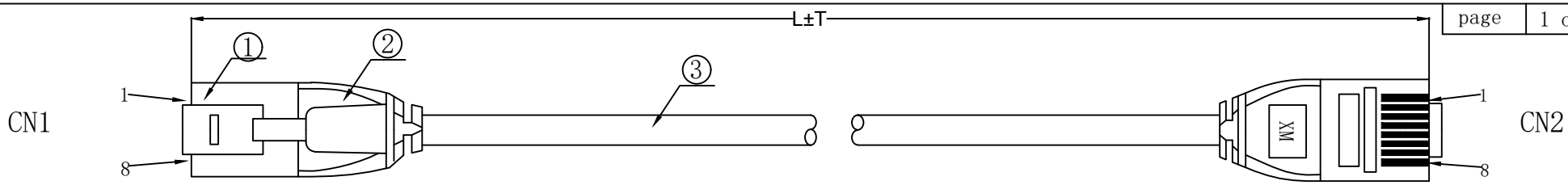

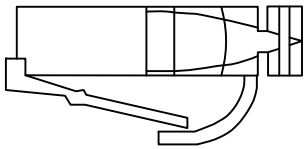

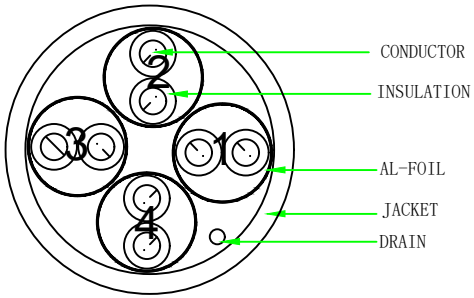

PIN OUT

CN1(568B)		CN2(568B)
WHITE-ORANGE	1 — 1	WHITE-ORANGE
ORANGE	2 — 2	ORANGE
WHITE-GREEN	3 — 3	WHITE-GREEN
GREEN	6 — 6	GREEN
BLUE	4 — 4	BLUE
WHITE-BLUE	5 — 5	WHITE-BLUE
WHITE-BROWN	7 — 7	WHITE-BROWN
BROWN	8 — 8	BROWN
SHELL	—	SHELL

NOTE:

1. Cat7 raw cable configured with RJ45 plug test by Fluke Channel Test ISO 11801 channel Class Ea up to 500Mhz
2. RoHS 3.0 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 U/FTP Patch cord with CAT7 RAW Cable 4x2x32AWG/7 TPE-LSZH ISO11801 & EN50173 & ANSI/TIA568.2-D www.Synergy21.de CE
6. Packing: 1pc/synergy 21 bag+label
7. Support PoE per IEEE 802. 3af
8. ISO/IEC 11801:2017 ClassF 600Mhz (only refer to Cat7 raw cable)
9. EN 50173 ClassF 600Mhz (only refer to Cat7 raw cable)
10. ANSI/TIA 568.2-D Cat.7 (only refer to Cat7 raw cable)
11. Connectors specification (IEC 60603-7)
12. Flame retardant(IEC60332-1-2)
13. Low smoke(IEC 61034)
14. Halogen free(IEC 60754-1/2)
15. Plug Contacts durability:750 cycles min

MATERIAL LIST

NO.	PARTS NAME	SPECIFICATION STANDARD	QT'Y	REMARK
③	CABLE	CAT.7 U/FTP (32AWG BC*1P+AL-FOIL)*4+DRAIN+ JACKET:TPE-LSZH,OD:3.8±0.2mm	1	
②	Over mold	48P PVC	2	
①	Plug	RJ45 8P8C Shielded Plug, PIN GOLD PLATED 3u", TRANSPARENT YELLOW	2	

BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.
Gao		Add the Support PoE per IEEE 802. 3af	2024-07-10	A2
	Hasia	Add the meter scale	2022-12-26	A1
		NEW	2022-05-13	A0

SYNERGY 21

CUSTOMER		ITEM NO.			
PRODUCT NAME	Super slim CAT6A U/FTP Patch cord With CAT7 RAW Cable	manufacture country:	CHINA	UNIT	MM

DRAWNBY	CHECKBY	APPOBY	DATE
SYNERGY21	SYNERGY21	SYNERGY21	2022-05-13

Colour:
GREY(RAL 7035)

Item No.	Length(mm)
S217300V3	150±10
S217301V3	250±10
S217302V3	500±20
S217303V3	1000±20
S217304V3	1500±30
S217305V3	2000±30
S217306V3	3000±50
S217307V3	5000±100
S217308V3	7500±150
S217309V3	10000±300

Colour:
BLUE(PANTONE 647C)

Item No.	Length(mm)
S217330V3	150±10
S217331V3	250±10
S217332V3	500±20
S217333V3	1000±20
S217334V3	1500±30
S217335V3	2000±30
S217336V3	3000±50
S217337V3	5000±100
S217338V3	7500±150
S217339V3	10000±300

Colour:
Orange (Pantone 1575C)

Item No.	Length(mm)
S217360V3	150±10
S217361V3	250±10
S217362V3	500±20
S217363V3	1000±20
S217364V3	1500±30
S217365V3	2000±30
S217366V3	3000±50
S217367V3	5000±100
S217368V3	7500±150
S217369V3	10000±300

Colour:
purple(Pantone 2725C)

Item No.	Length(mm)
S217390V3	150±10
S217391V3	250±10
S217392V3	500±20
S217393V3	1000±20
S217394V3	1500±30
S217395V3	2000±30
S217396V3	3000±50
S217397V3	5000±100
S217398V3	7500±150
S217399V3	10000±300

Colour:
BLACK(PANTONE BLACK 3C)

Item No.	Length(mm)
S217310V3	150±10
S217311V3	250±10
S217312V3	500±20
S217313V3	1000±20
S217314V3	1500±30
S217315V3	2000±30
S217316V3	3000±50
S217317V3	5000±100
S217318V3	7500±150
S217319V3	10000±300

Colour:
RED(PANTONE 199C)

Item No.	Length(mm)
S217340V3	150±10
S217341V3	250±10
S217342V3	500±20
S217343V3	1000±20
S217344V3	1500±30
S217345V3	2000±30
S217346V3	3000±50
S217347V3	5000±100
S217348V3	7500±150
S217349V3	10000±300

Colour:
YELLOW(PANTONE 135C)

Item No.	Length(mm)
S217370V3	150±10
S217371V3	250±10
S217372V3	500±20
S217373V3	1000±20
S217374V3	1500±30
S217375V3	2000±30
S217376V3	3000±50
S217377V3	5000±100
S217378V3	7500±150
S217379V3	10000±300

Colour:
WHITE(RAL 9003)

Item No.	Length(mm)
S217320V3	150±10
S217321V3	250±10
S217322V3	500±20
S217323V3	1000±20
S217324V3	1500±30
S217325V3	2000±30
S217326V3	3000±50
S217327V3	5000±100
S217328V3	7500±150
S217329V3	10000±300

Colour:
GREEN(PANTONE 3278C)

Item No.	Length(mm)
S217350V3	150±10
S217351V3	250±10
S217352V3	500±20
S217353V3	1000±20
S217354V3	1500±30
S217355V3	2000±30
S217356V3	3000±50
S217357V3	5000±100
S217358V3	7500±150
S217359V3	10000±300

Colour:
Magenta(Pantone 212C)

Item No.	Length(mm)
S217380V3	150±10
S217381V3	250±10
S217382V3	500±20
S217383V3	1000±20
S217384V3	1500±30
S217385V3	2000±30
S217386V3	3000±50
S217387V3	5000±100
S217388V3	7500±150
S217389V3	10000±300

BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.	DRAWNBY	CHECKBY	APPOBY	DATE
		NEW	2022-05-13	V0	SYNERGY21	SYNERGY21	SYNERGY21	2022-05-13

SYNERGY21

CUSTOMER		ITEM NO.			
PRODUCT NAME	Cat.7 U/FTP Patch cord Slim Type	manufacture country:	CHINA	UNIT	MM