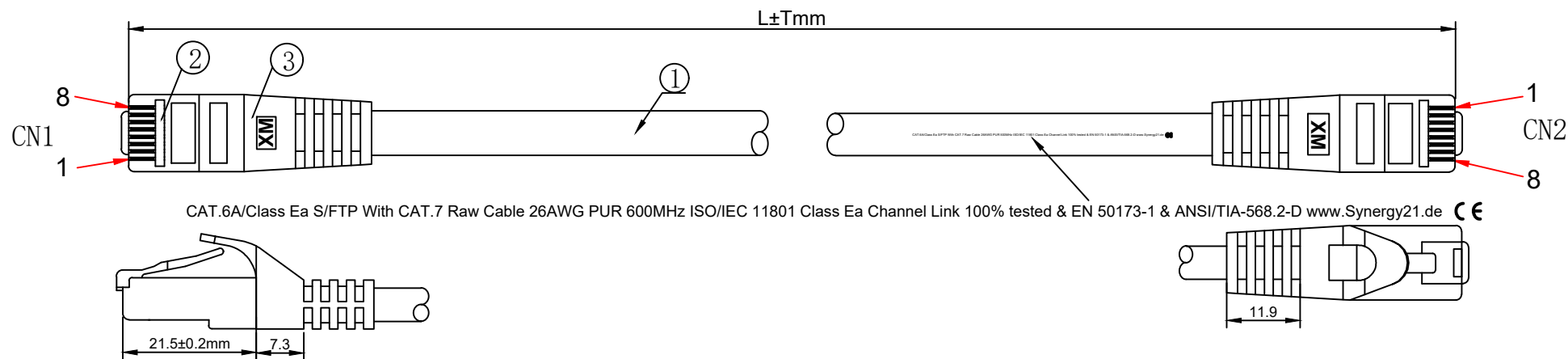
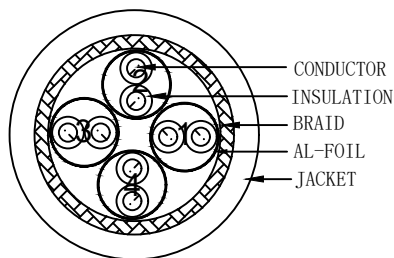
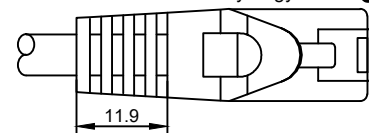
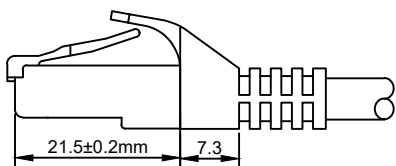
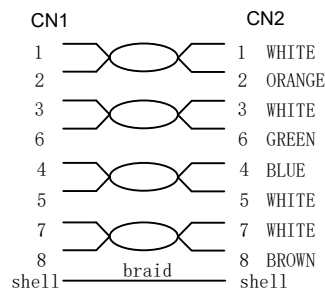




CAT.6A/Class Ea S/FTP With CAT.7 Raw Cable 26AWG PUR 600MHz ISO/IEC 11801 Class Ea Channel Link 100% tested & EN 50173-1 & ANSI/TIA-568.2-D www.Synergy21.de



WIRING DIAGRAM



1. ELECTRICAL TEST:100% OPEN SHORT, MISS WIRE TEST
2. TEST LIMIT:Fluke ISO 11801 channel Class Ea PASS
3. Working temperature:-10℃~+60℃
Storage temperature:-20℃~+75℃
fixed temperature, moved/during installation:-30 ~ +90 ° C
bending radius, fixed installation: 5xOD
bending radius, moved application: 7.5xOD≤10M, 10xOD>10M
operating capacity:56 nF/km
Dielectric strength(conductor/conductor, conductor/screen):
test voltage:2500V d.c. for 2s or 1000V d.c. for 1 min
4. Plug Contacts durability:750 cycles min
5. RoHS 2011/65/EU and amendment directives (EU) 2015/863 compliant;REACH 1907/2006/EC compliant.
6. Support PoE/PoE+/PoE++
7. Chemical Properties :
Fire retardant(IEC 60332-1-2), Low smoke(IEC 61034),
Halogen free(IEC 60754-1/2), Oil resistant(IEC 60811-404),
UV resistant(IEC 50289-4-17)
Acid-proof alkaline(IEC 60811-404)
Low-temperature impact(IEC 60811-506)
Water absorption (IEC 60811-402)
Hydrolysis resistant(IEC 60811-2-1)
8. Packing:Synergy21 PE Bag+Test report+Label
9. The patch cord is Not included silicon and LAPS
10. IEC 60664-1:2020 standard support up to 7.2KV Pulse voltage
11. Drag chains test:≥1,000,000 cycles

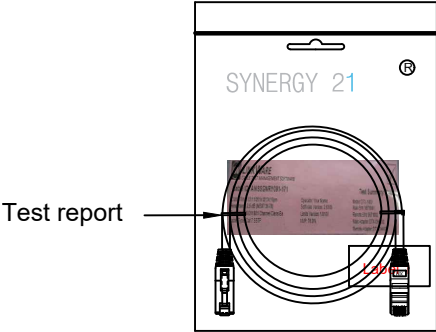
MATERIAL LIST:

③	OVER MOLD	PVC 75A	2	
②	CONNECTOR	RJ45 8P8C SHIELDED PIN GOLD PLATED 3U", THE SHELL PLATED NICKEL, COLOUR:TRANSPARENT YELLOW	2	
①	CABLE	S/FTP CAT.7 (26AWG BC*1P+AL-FOIL)*4PAIR+Braid(AL-MG) JACKET:PUR OD:6.0±0.2mm	1	
NO.	PARTS NAME	SPECIFICATION STANDARD	QT' Y	REMARK

						SYNERGY 21					
						CUSTOMER		ITEM NO.			
						PRODUCT NAME	Cat.6A S/FTP 26AWG Round Patch cord 10G Fire retardant PUR		manufacture country:	CHINA	UNIT MM
NEW						2023-08-07	A	DRAWNBY	CHECKBY	APPROVE	DATE
BY	CHK	REVISION RECORD MODIFICATIONS			DATE	REV.	SYNERGY 21	SYNERGY 21	SYNERGY 21	2023-08-07	

Chart：

COLOR:BLACK (Pantone Black 3C)		
ITEM	LENGTH	PACKING
S216830V2	250±10	SYNERGY 21 A Bag
S216831V2	500±15	SYNERGY 21 A Bag
S216832V2	1000±20	SYNERGY 21 B Bag
S216833V2	1500±30	SYNERGY 21 B Bag
S216834V2	2000±30	SYNERGY 21 B Bag
S216835V2	3000±50	SYNERGY 21 B Bag
S216836V2	5000±100	SYNERGY 21 B Bag
S216837V2	7500±200	SYNERGY 21 B Bag
S216838V2	10000±200	SYNERGY 21 C Bag
S216845V2	12500±200	SYNERGY 21 C Bag
S216839V2	15000±300	SYNERGY 21 C Bag
S216840V2	20000±300	SYNERGY 21 C Bag
S216841V2	25000±300	SYNERGY 21 C Bag
S216842V2	30000±300	SYNERGY 21 D Bag
S216843V2	40000±500	SYNERGY 21 D Bag
S216844V2	50000±500	SYNERGY 21 D Bag



					SYNERGY 21					
					CUSTOMER	AN	ITEM NO.	See The Chart		
					PRODUCT NAME	Cat.6A S/FTP 26AWG Round Patch cord 10G Fire retardant PUR	manufacture country:	CHINA	UNIT	MM
		NEW	2023-08-17	A	DRAWNBY	CHECKBY	APPROVE	DATE		
BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.	SYNERGY 21	SYNERGY 21	SYNERGY 21	2023-08-17		