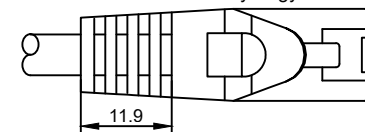
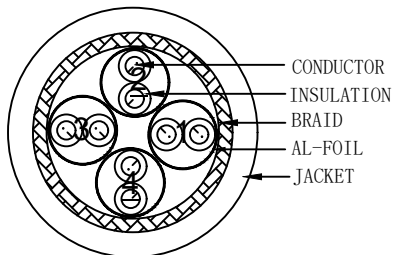
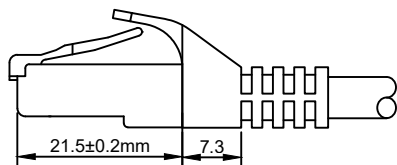
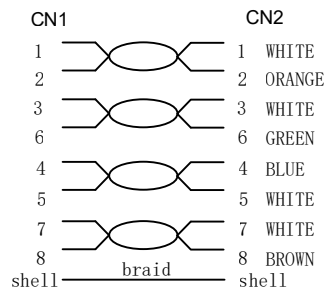


CAT.6A/Class Ea S/FTP With CAT.7 Raw Cable 26AWG PUR 600MHz ISO/IEC 11801 Class Ea Channel Link 100% tested & EN 50173-1 & ANSI/TIA-568.2-D www.Synergy21.de **CE**



The following are examples of situations where this cable is not suitable :  
 Do not use it when immersed in water for a long time.  
 Do not use it underground or in pipes.  
 Do not use it at temperatures above 90°C or below -40°C  
 Do not use it be hung horizontally.

**WIRING DIAGRAM**



- ELECTRICAL TEST:100% OPEN SHORT, MISS WIRE TEST
- TEST LIMIT:Fluke ISO 11801 channel Class Ea PASS
- Working temperature:-40°C~+90°C  
 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  
 test voltage:2500V

- Plug Contacts durability:750 cycles min
- RoHS 2011/65/EU and amendment directives (EU) 2015/863 compliant;REACH 1907/2006/EC compliant.
- Support PoE/PoE+/PoE++
- 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)
- Packing:Synergy21 PE Bag+Test report+Label
- Minimum of the bending radius is 60mm
- The patch cord is Not included silicon and LAPS
- IEC 60664-1:2020 standard support up to 7.2KV

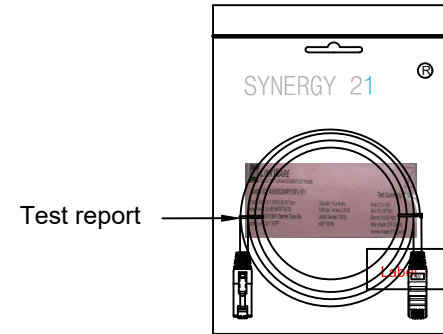
**MATERIAL LIST:**

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

<b>SYNERGY 21</b>										
CUSTOMER				ITEM NO.						
Add the "IEC 60664-1:2020 standard"			2024-03-26	A1	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