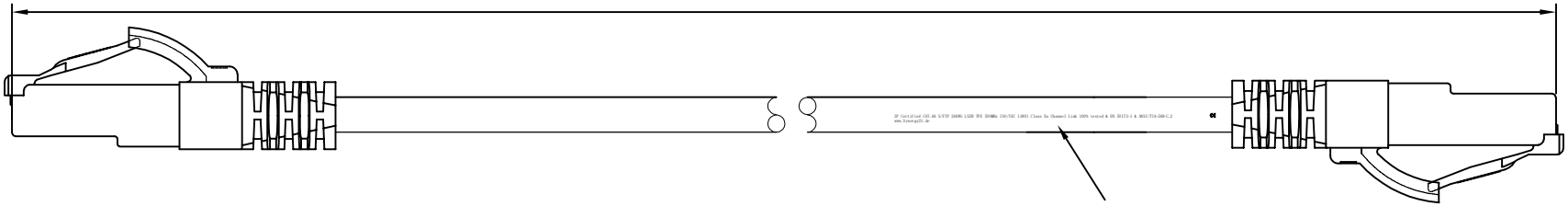
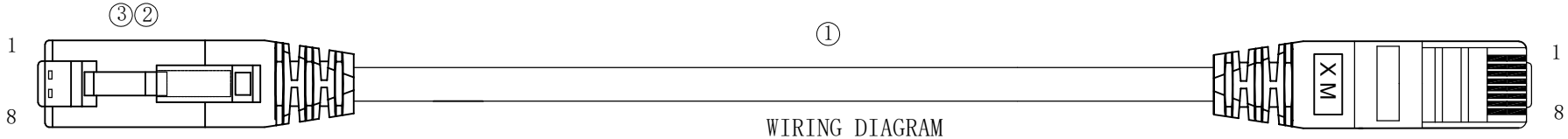
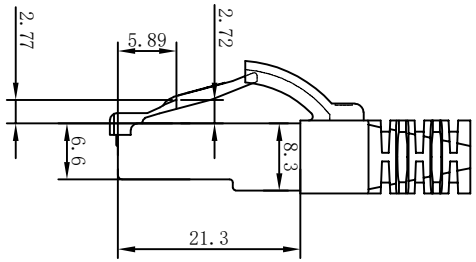
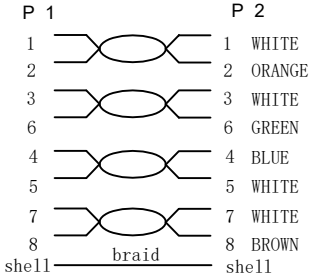


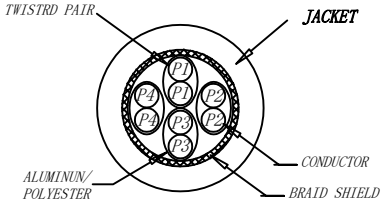
3P Certified CAT.6A/Class Ea S/FTP 26AWG TPE-LSZH 500MHz ISO/IEC 11801 Class Ea Channel Link 100% tested & EN 50173-1 & ANSI/TIA-568.2-D www.Synergy21.de CE





WIRING DIAGRAM





NOTE:

1. ELECTRICAL TEST:
   (1). 100% OPEN SHORT, MISS WIRE TEST
   (2). INSULATION RESISTANCE:DC 300V 10M Ohm;
   (3). CONTACTOR RESISTANCE:1 OHM per meter
2. FLUKE TEST LIMIT:ISO11801 Channel Class Ea
3. Operating temperature:-20℃ ~ + 75℃
4. ROHS 3.0 AND REACH COMPLIANT
5. Support PoE/PoE+/PoE++
6. Packing:Synergy21 PE Bag+Label
7. Minimum of the bending radius is 60mm
8. Low Smoke (IEC 61034)
9. Flame retardant (IEC60332-1-2)
10. Halogen free (IEC 60754-1/2)
11. Packing:Synergy21 PE Bag+Label

MATERIAL LIST:

NO.	PARTS NAME	SPECIFICATION STANDARD	QT'Y	REMARK
③	OVER MOLD	PVC 75A	2PCS	
②	PLUG	POLYCARBONATE RJ45 8P8C PIN GOLD PLATED 3U", LONG BODY, TRANSPARENT BLUE	2PCS	
①	CABLE	S/FTP CAT.6A (26AWG BC*1P+AL-FOIL)*4PAIR+Braid AL-MG+ JACKET:TPE-LSZH, OD:6.0±0.2MM	1PCS	

BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.
Hasia		change "ROSH 2.0" to "ROSH 3.0"	2022-02-25	A1
		NEW	2019-03-19	A

SYNERGY 21

CUSTOMER		ITEM NO.	See The Chart
PRODUCT NAME	CAT.6A S/FTP 26awg PATCH CORD TPE-LSZH	manufacture country:	CHINA UNIT MM

DRAWNBY	CHECKBY	APPROVE	DATE
SYNERGY 21	SYNERGY 21	SYNERGY 21	2019-03-19

Chart:

COLOR:YELLOW PANTONE 135C

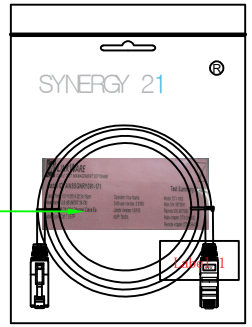
ITEM	LENGTH/mm	PACKING
S217232	150±10	SYNERGY 21 A Bag
S217233	250±10	SYNERGY 21 A Bag
S217234	500±15	SYNERGY 21 A Bag
S217235	1000±30	SYNERGY 21 A Bag
S217236	1500±30	SYNERGY 21 A Bag
S217237	2000±30	SYNERGY 21 A Bag
S217238	3000±50	SYNERGY 21 A Bag
S217239	5000±200	SYNERGY 21 B Bag
S217240	7500±200	SYNERGY 21 B Bag
S217241	10000±200	SYNERGY 21 B Bag
S217242	15000±300	SYNERGY 21 C Bag

COLOR:BLUE PANTONE 647C

ITEM	LENGTH/mm	PACKING
S217221	150±10	SYNERGY 21 A Bag
S217222	250±10	SYNERGY 21 A Bag
S217223	500±15	SYNERGY 21 A Bag
S217224	1000±30	SYNERGY 21 A Bag
S217225	1500±30	SYNERGY 21 A Bag
S217226	2000±30	SYNERGY 21 A Bag
S217227	3000±50	SYNERGY 21 A Bag
S217228	5000±200	SYNERGY 21 B Bag
S217229	7500±200	SYNERGY 21 B Bag
S217230	10000±200	SYNERGY 21 B Bag
S217231	15000±300	SYNERGY 21 C Bag

COLOR:GREY RAL 7035

ITEM	LENGTH/mm	PACKING
S217210	150±10	SYNERGY 21 A Bag
S217211	250±10	SYNERGY 21 A Bag
S217212	500±15	SYNERGY 21 A Bag
S217213	1000±30	SYNERGY 21 A Bag
S217214	1500±30	SYNERGY 21 A Bag
S217215	2000±30	SYNERGY 21 A Bag
S217216	3000±50	SYNERGY 21 A Bag
S217217	5000±200	SYNERGY 21 B Bag
S217218	7500±200	SYNERGY 21 B Bag
S217219	10000±200	SYNERGY 21 B Bag
S217220	15000±300	SYNERGY 21 C Bag



COLOR:ORANGE PANTONE 1575C

ITEM	LENGTH/mm	PACKING
S217254	150±10	SYNERGY 21 A Bag
S217255	250±10	SYNERGY 21 A Bag
S217256	500±15	SYNERGY 21 A Bag
S217257	1000±30	SYNERGY 21 A Bag
S217258	1500±30	SYNERGY 21 A Bag
S217259	2000±30	SYNERGY 21 A Bag
S217260	3000±50	SYNERGY 21 A Bag
S217261	5000±200	SYNERGY 21 B Bag
S217262	7500±200	SYNERGY 21 B Bag
S217263	10000±200	SYNERGY 21 B Bag
S217264	15000±300	SYNERGY 21 C Bag

COLOR:GREEN PANTONE 3278C

ITEM	LENGTH/mm	PACKING
S217243	150±10	SYNERGY 21 A Bag
S217244	250±10	SYNERGY 21 A Bag
S217245	500±15	SYNERGY 21 A Bag
S217246	1000±30	SYNERGY 21 A Bag
S217247	1500±30	SYNERGY 21 A Bag
S217248	2000±30	SYNERGY 21 A Bag
S217249	3000±50	SYNERGY 21 A Bag
S217250	5000±200	SYNERGY 21 B Bag
S217251	7500±200	SYNERGY 21 B Bag
S217252	10000±200	SYNERGY 21 B Bag
S217253	15000±300	SYNERGY 21 C Bag

COLOR:WHITE

ITEM	LENGTH	PACKING
S216797	150±10	SYNERGY 21 A Bag
S216800	250±10	SYNERGY 21 A Bag
S216801	500±15	SYNERGY 21 A Bag
S216802	1000±20	SYNERGY 21 A Bag
S216803	1500±30	SYNERGY 21 A Bag
S216804	2000±30	SYNERGY 21 A Bag
S216805	3000±50	SYNERGY 21 A Bag
S216806	5000±100	SYNERGY 21 B Bag
S216807	7500±200	SYNERGY 21 B Bag
S216808	10000±200	SYNERGY 21 C Bag
S216809	15000±300	SYNERGY 21 C Bag

COLOR:BLACK PANTONE BLACK 3C

ITEM	LENGTH	PACKING
S216829	150±10	SYNERGY 21 A Bag
S216810	250±10	SYNERGY 21 A Bag
S216811	500±15	SYNERGY 21 A Bag
S216812	1000±20	SYNERGY 21 A Bag
S216813	1500±30	SYNERGY 21 A Bag
S216814	2000±30	SYNERGY 21 A Bag
S216815	3000±50	SYNERGY 21 A Bag
S216816	5000±100	SYNERGY 21 B Bag
S216417	7500±200	SYNERGY 21 B Bag
S216818	10000±200	SYNERGY 21 C Bag
S216819	15000±300	SYNERGY 21 C Bag

BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.
Hasia		change "ROSH 2.0" to "ROSH 3.0"	2022-02-25	A1
		NEW	2019-03-19	A

SYNERGY 21

CUSTOMER		ITEM NO.	See The Chart
PRODUCT NAME	CAT.6A S/FTP PATCH CORD TPE-LSZH	manufacture country:	CHINA / UNIT MM

DRAWNBY	CHECKBY	APPROVE	DATE
SYNERGY 21	SYNERGY 21	SYNERGY 21	2019-03-19

COLOR:RED PANTONE 199C

ITEM	LENGTH	PACKING
S216889	150±10	SYNERGY 21 A Bag
S216890	250±10	SYNERGY 21 A Bag
S216891	500±15	SYNERGY 21 A Bag
S216892	1000±20	SYNERGY 21 A Bag
S216893	1500±30	SYNERGY 21 A Bag
S216894	2000±30	SYNERGY 21 A Bag
S216895	3000±50	SYNERGY 21 A Bag
S216896	5000±100	SYNERGY 21 B Bag
S216897	7500±200	SYNERGY 21 B Bag
S216898	10000±200	SYNERGY 21 C Bag
S216899	15000±300	SYNERGY 21 C Bag

BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.
Hasia		change "ROSH 2.0" to "ROSH 3.0"	2022-02-25	A1
		NEW	2019-03-19	A

SYNERGY 21

CUSTOMER		ITEM NO.	See The Chart		
PRODUCT NAME	CAT.6A S/FTP PATCH CORD TPE-LSZH	manufacture country:	CHINA	UNIT	MM
DRAWNBY	CHECKBY	APPROVE	DATE		
SYNERGY 21	SYNERGY 21	SYNERGY 21	2019-03-19		