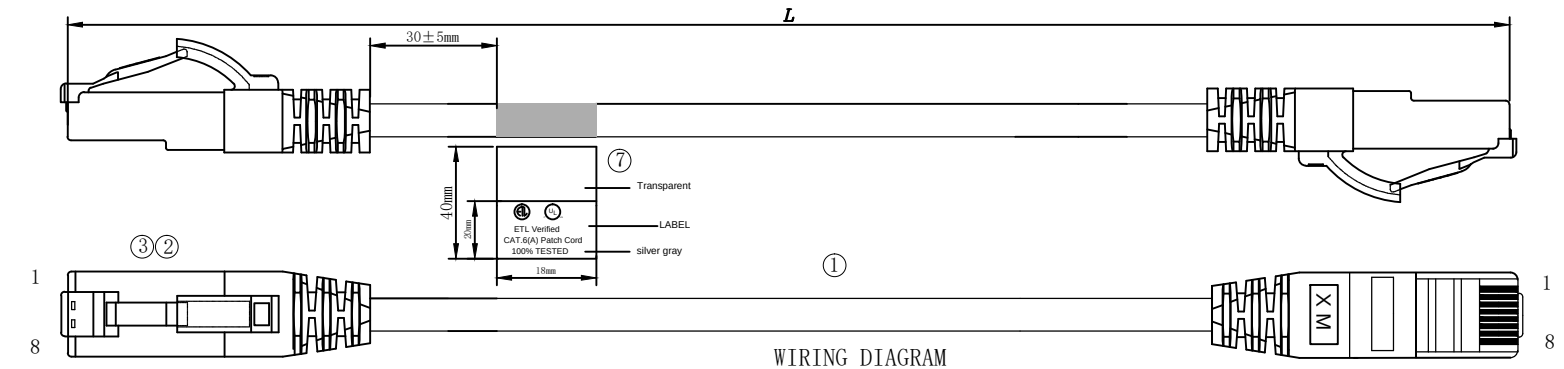
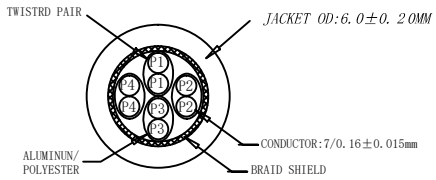
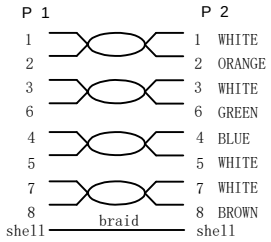




WIRING DIAGRAM



NOTE:
1. ELECTRICAL TEST:
   (1). 100% OPEN SHORT, MISS WIRE TEST
   (2). INSULATION RESISTANCE:DC 300V 10M Ohm;
   (3). CONDUCTOR RESISTANCE:3Ω Max (More than 3m, add one ohm per meter) ;
2. FLUKE TEST:CAT.6 channel test with four connectors TEST LIMIT:ISO11801 Channel Class EA
3. Working temperature:-10℃ ~ + 60℃
4. Storage temperature:-20℃~+75℃
5. ROHS2.0 AND REACH COMPLIANT
6. Support PoE+ per IEEE 802.3at, Max to 30 Watt
7. SPRAY WORD:CAT.6A S/FTP TPE 500MHz ISO/IEC 11801 & EN 50173-1 & ANSI/TIA-568-C.2 www.Synergy21.de CE
8. PACKING: 1PCS+Test Report /SYNERGY 21 SLIP PE BAG+LABEL
9. TPE LSZH:Non fire retardant(Conform IEC60754-2、IEC 61034)

MATERIAL LIST:

NO.	PARTS NAME	SPECIFICATION STANDARD	QT'Y	REMARK
⑦	CABLE LABEL	No Dry Glue Label Color:silver grey + Transparent	1PCS	
⑥	PE BAG	SYNERGY 21 SLIP PE BAG	1PCS	
⑤	LABEL	NO DRY GLUE LABEL	1PCS	
④	MINI TIE	PE MINI TIE(POSSESS METAL)	2PCS	
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.
		NEW	2016-01-05	A

SYNERGY 21

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

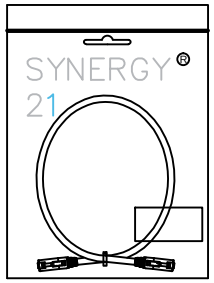
DRAWNBY	CHECKBY	APPROVE	DATE
SYNERGY 21	SYNERGY 21	SYNERGY 21	2016-01-05

Chart:

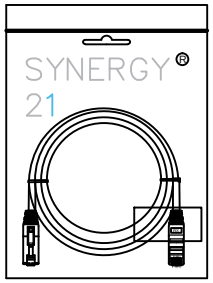
COLOR:WHITE		
ITEM	LENGTH	PACKING
S216797	150±10	SYNERGY 21 A Bag
S216800	250±10	SYNERGY 21 A Bag
S216801	500±15	SYNERGY 21 A Bag
S216802	1000±20	SYNERGY 21 B Bag
S216803	1500±30	SYNERGY 21 B Bag
S216804	2000±30	SYNERGY 21 B Bag
S216805	3000±50	SYNERGY 21 B Bag
S216806	5000±100	SYNERGY 21 B Bag
S216807	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 B Bag
S216813	1500±30	SYNERGY 21 B Bag
S216814	2000±30	SYNERGY 21 B Bag
S216815	3000±50	SYNERGY 21 B 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

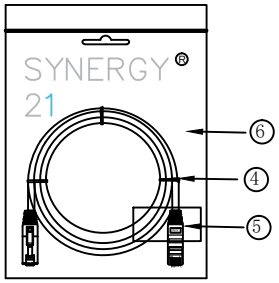
					SYNERGY 21				
					CUSTOMER		ITEM NO.	See The Chart	
ARVIN		ADD 0.15M	2016-10-25	A1	PRODUCT NAME	CAT.6A S/FTP PATCH CORD TPE LSZH	manufacture country:	CHINA	UNIT MM
		NEW	2016-01-05	A	DRAWNBY	CHECKBY	APPROVE	DATE	
BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.	SYNERGY 21	SYNERGY 21	SYNERGY 21	2016-01-05	



L≤0.5M



0.5M<L≤7.5

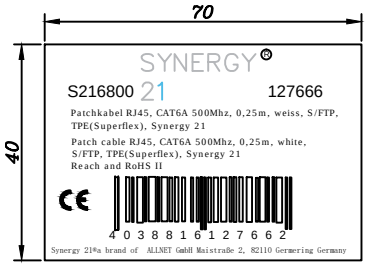


7.5<L

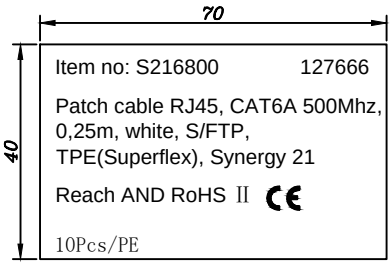
SYNERGY 2: Colour pantone 877C
1: Colour pantone 298C
®: Colour pantone Black
Bag thickness single side:0.05mm

CE length and height Must > 5mm

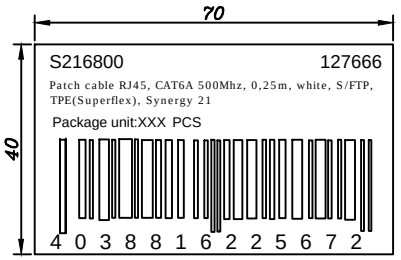
Labeling example 1



Labeling example 2



Labeling example 3

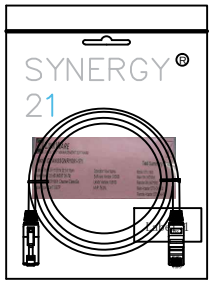


master mark

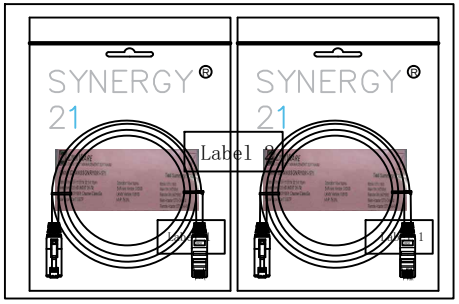
PO NO.:
Cat.6A S/FTP
Length:
Colour:
C/NO.:
REACH+RoHS 2.0 Compliant
MADE IN CHINA

side mark

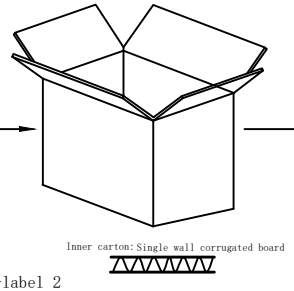
Item no:
Cat.6A S/FTP
Length:
Colour:
Q'TY:
N.W:
G.W:
MEAS:



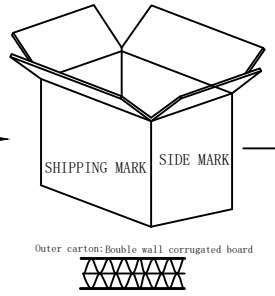
1pcs/SYNERGY 21 Bag+test report+label 1



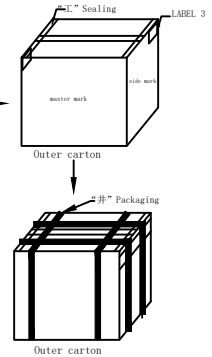
L≤5M:1pcs/SYNERGY 21 Bag+test report+label 1,10pcs/pe bag+label 2
5m<L≤10M:1pcs/SYNERGY 21 Bag+test report+label 1,5pcs/pe bag+label 2
10m<L:1pcs/SYNERGY 21 Bag+label 1,without pe bag



Inner carton:Single wall corrugated board



Outer carton:Bouble wall corrugated board



					SYNERGY 21			
					CUSTOMER		ITEM NO.	See The Chart
					PRODUCT NAME	PACKING	manufacture country: CHINA	UNIT MM
		NEW	2016-01-05	A	DRAWNBY	CHECKBY	APPROVE	DATE
BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.	SYNERGY 21	SYNERGY 21	SYNERGY 21	2016-01-05