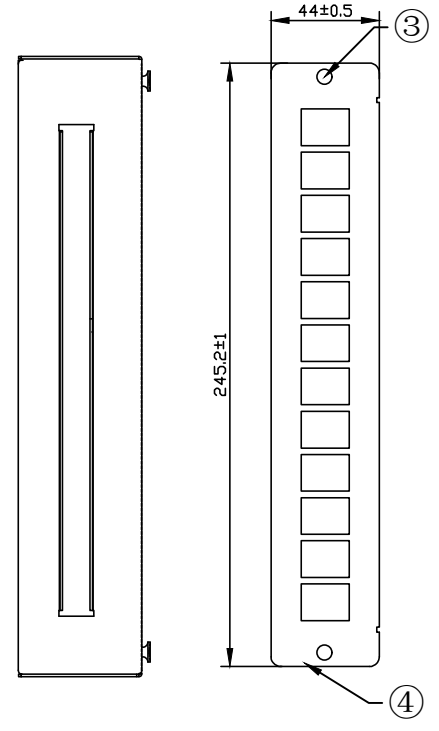
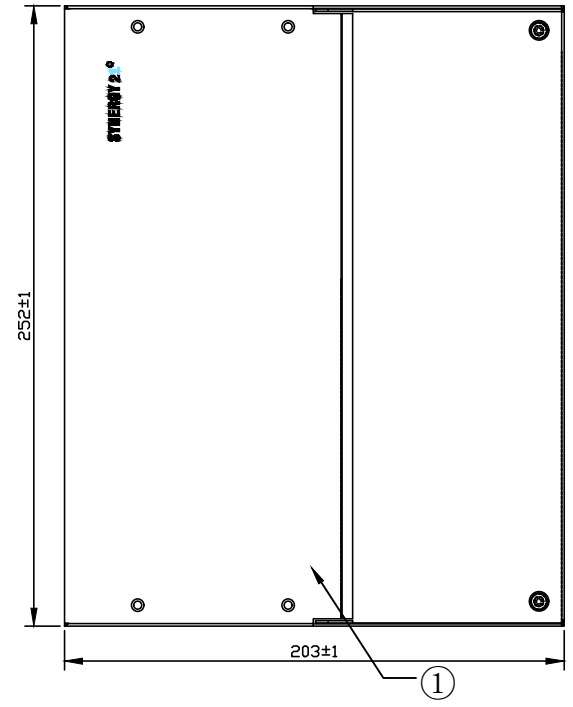
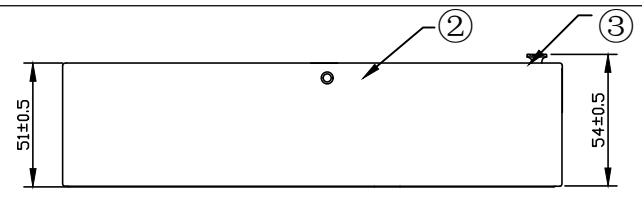


# SYNERGY 21<sup>®</sup>

"SYNERGY 2<sup>®</sup>" for black printing The pantone of Color is grey  
 "1" for blue printing The pantone of Color is 298C



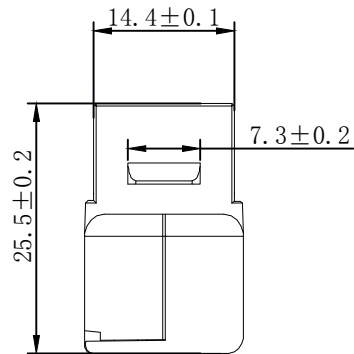
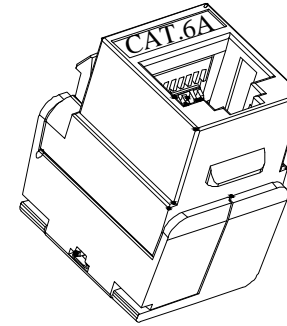
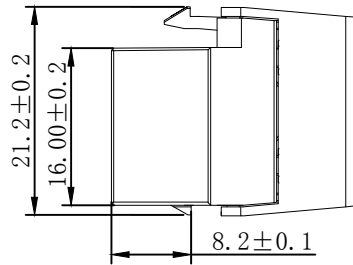
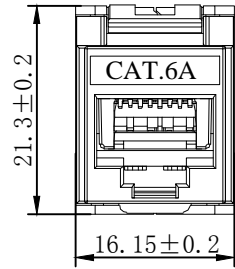
**NOTE:**

1. Suitable for copper and fiber optic technology
2. Expandable for installation on DIN rails with optional accessories (S216385)
3. Cable input and cable output with cable management and dust-proof foam
4. Protection type: IP20
5. RoHS3.0 AND REACH COMPLIANT
6. Storage temperature : -20°C+80°C
7. Operation temperature: -10°C+60°C
8. Packing:1pc/Box+label

**MATERIAL LIST:**

④	Panel	12port for RJ45 Keystone modules SPCC T=1.0MM with plastic powder cladding	1	
③	Push and pull buckle	BLACK	4	
②	Top Cover	SPCC T=1.0MM with plastic powder cladding	1	
①	Bottom Panel	SPCC T=1.0MM with plastic powder cladding	1	
NO.	PARTS NAME	SPECIFICATION DESCRIPTION	QT'Y	REMARK
		NEW	2023-03-27	A
BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.

<b>SYNERGY21</b>					
CUSTOMER		ITEM NO.		S216384	
PRODUCT NAME		manufacture country:		CHINA	UNIT MM
Consolidation Point Box		APPOBY		DATE	
DRAWNBY		CHECKBY		DATE	
SYNERGY21		SYNERGY21		2023-03-27	



NOTES:

ELECTRICAL:

1. Contact Resistance : 20MΩ MAX
2. Insulation Resistance : 500MΩ MIN @ 500V DC
3. Withstand Voltage : DC 1000V AC 700V RMS 60Hz, 1MIN
4. Component testing for Cat.6A to ISO/IEC 11801 Ed.2.2:2011-06  
 DIN EN 50173-1:2011-09  
 TIA/EIA-568-C.2 (2009-08)  
 IEC 60603-7-5
5. Compliance with Class EA up to 500 MHz to ISO/IEC 11801 Ed.2.2:2011-06  
 DIN EN 50173-1:2011-09

ENVIRONMENTAL:

1. Storage : -40° TO+70°
2. Operation : -10° to+60°

MECHANICAL

1. SHIELD MATERIAL: ZINC ALLOY
2. IDC MATERIAL: PC TERMINAL: PHOSPHOR BRONZE, TIN PLATING
3. RJ45 Contact Life: 750 Times Min
4. Plug in force: <30N
5. Solid cable: 1/22AWG (0.65MM)-1/24AWG (0.45MM) ID: 0.8MM-1.6MM
6. Cable OD: 5.0mm-8.5mm
7. PoE per IEEE 802.3af, PoE+ per IEEE 802.3at

Fluke Test: Permanent Link ISO 11801 (PL2) Class Ea 1000MHz  
 AWG23/1 CAT.7 Shielded 15M  
 RoHS (EU2015/863) and REACH Compliant  
 PACKING: 1PCS/PE BAG

MATERIAL LIST:

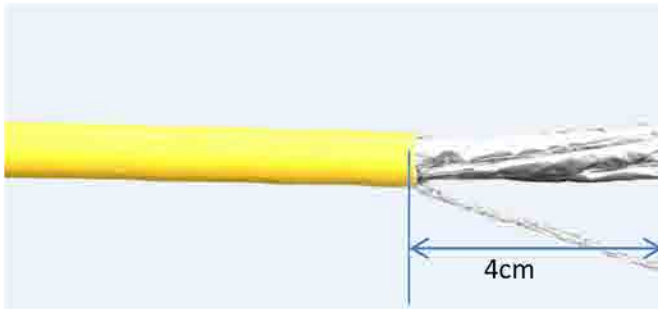
⑦	MODULAR COVER	White/PC with T568A/B label	1	
⑥	RJ 45 JACK INSERT	PHOSPHOR BRONZE 8P8C 6U" GOLD PLATED	8	
⑤	PCB	1.6mm UL 94V0	1	
④	IDC BODY	White/PC	1	
③	IDC PIN	PHOSPHOR BRONZE & TINNED	8	
②	LABEL COLOR CODE	T568A/B	2	
①	IDC TERMINAL	FOR 22-24AWG (0.45mm-0.65mm) CABLE	1	

NO	PARTS NAME	SPECIFICATION STANDARD	QT'Y	REMARK
		NEW	2019-05-09	A
BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.

SYNERGY 21					
CUSTOMER			ITEM NO.	S216349	
PRODUCT NAME	CAT.6A STP KEYSTONE JACK	manufacture country:	china	UNIT	MM
DRAWNBY	CHECKBY	APPOBY	DATE		
SYNERGY 21	SYNERGY 21	SYNERGY 21	2019-05-09		

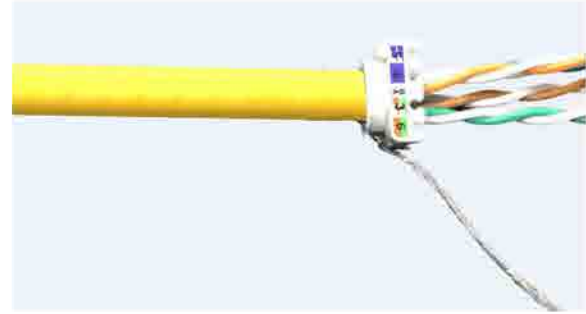
# Montageanleitung/Installation Instruction

## Super short body Cat.6A Keystone Jack



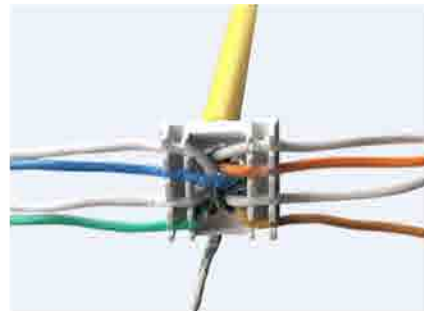
- ① Stripping off approx. 4cm, twist the braiding into a strand. Remove the pair shielding.

- ① Ca. 4 cm abziehen und das Geflecht zu einer Litze verweben. Entfernen Sie die Paarabschirmung.



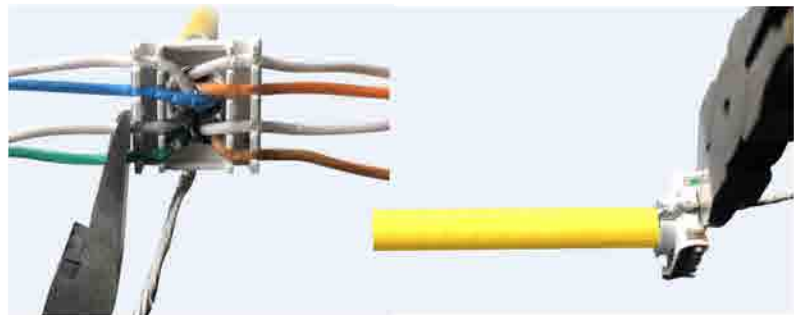
- ② Pass the cable wires into grommet without the strand as shown in the photo.

- ② Führen Sie die Kabeldrähte ohne die Litze in die Durchführung ein (siehe Foto).



- ③ Insert each wire in its location according to the color code.

- ③ Legen Sie jeden Draht gemäß dem Farbcode an seiner Stelle ein



- ④ Cut the wires and the strand.

- ④ Schneiden Sie die Drähte und die Litze ab.



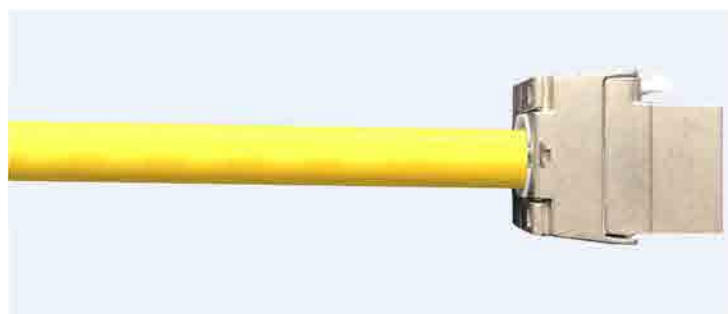
- ⑤ Make sure that the arrows of the jack are oriented in the same direction as those of the grommet.

- ⑤ Stellen Sie sicher, dass die Pfeile des Wagenhebers in die gleiche Richtung wie die der Tülle zeigen.



- ⑥ Connect the grommet to the connector.

- ⑥ Verbinden Sie die Tülle mit dem Anschluss.



- ⑦ Fold the cheeks of the RJ45 jack until completely closed.

- ⑦ Falten Sie die Wangen der RJ45-Buchse, bis sie vollständig geschlossen sind.