

MATERIAL LIST:

⑦	Housing	Zinc alloy Silver	1	
⑥	RJ 45 JACK INSERT	PHOSPHOR BRONZE 8P8C GOLD PLATED	8	
⑤	PCB	FR-4 1.6mm	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 22-26AWG CABLE	1	

NOTES:

ELECTRICAL:

- Contact Resistance : 20MΩ MAX
- Insulation Resistance : 500MΩ MIN @ 500V DC
- Withstand Voltage : DC 1000V AC 700V RMS 60Hz, 1MIN
- Compliance with Class I up to 2000 MHz to ISO/IEC 11801-1:2017 (Ed. 1. 0)

ENVIRONMENTAL:

- Storage Temperature : -40°C ~ +70°C
- Operation Temperature : -10°C ~ +60°C

MECHANICAL

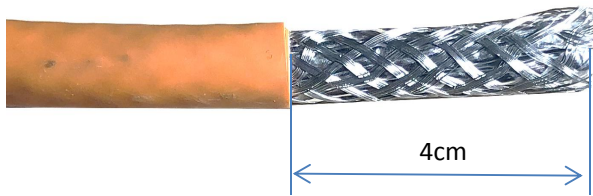
- MATERIAL: Zinc alloy
- IDC MATERIAL: PC TERMINAL:PHOSPHOR BRONZE, TIN PLATING
- RJ45 Contact Life: 750 Times Min
- Plug inforce:<30N
- Solid cable:1/22AWG (0.65MM)-1/26AWG (0.4MM) ID:1.1MM-1.6MM
- Stranded cable:22/7-26/7AWG ID:1.1MM-1.6MM
- Cable OD: 5.0mm-8.5mm
- PoE per IEEE 802.3af, PoE+ per IEEE 802.3at,PoE++ per IEEE 802.3bt
- RoHS 2.0 and REACH Compliant
- with copper foil in packing.

NO	PARTS NAME	SPECIFICATION STANDARD	QT' Y	REMARK
		NEW	2020-09-01	A
BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.

SYNERGY 21					
CUSTOMER	ALLNET Computersysteme GmbH	ITEM NO.	S216378		
PRODUCT NAME	CAT 8.1 STP KEYSTONE JACK	manufacture country:	china	UNIT	MM
DRAWNBY	CHECKBY	APPOBY	DATE		
SYNERGY 21	SYNERGY 21	SYNERGY 21	2020-09-01		

Installationsanleitung/Installation guide

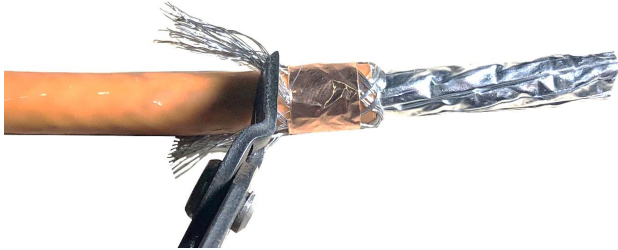
Keystone Jack



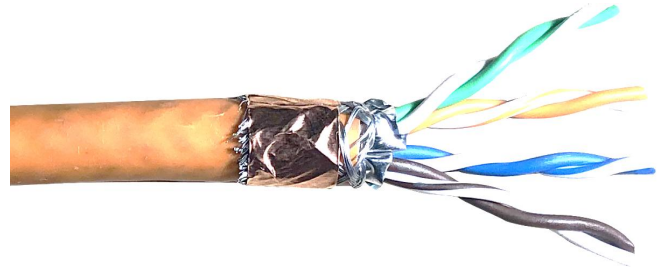
①.Stripping 4cm of sheath.



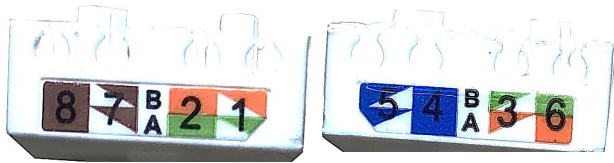
②.foldback braided and drained wire.



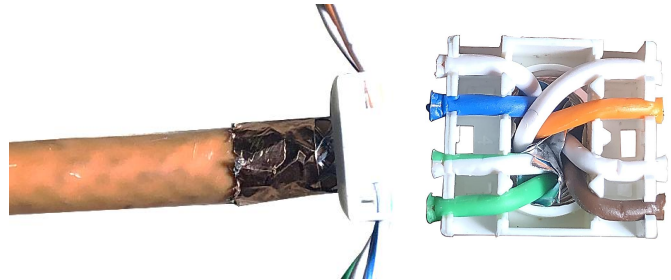
③.paste copper foil on the braided and ground wire and cut off the excess weave and the ground wire



④.4.Fan out all four twisted pairs, allocate each by following colorcoding label



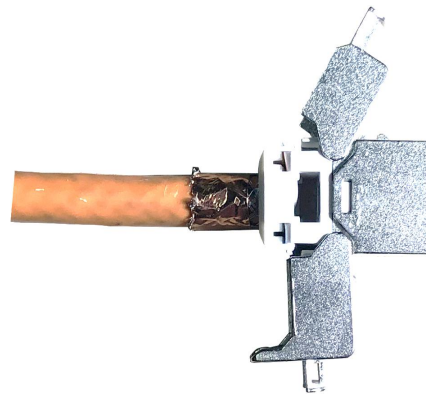
⑤.Across the holde by the color marks of T568A or T568B



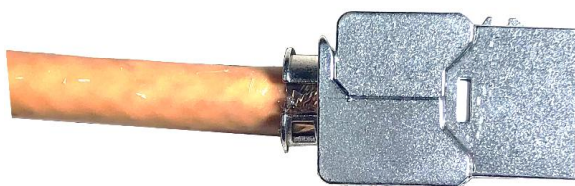
⑥. allocate each conductor into proper slots on wiring cap by following color coding



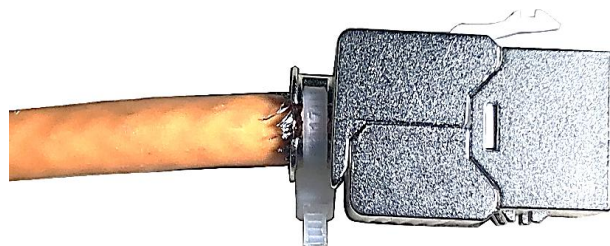
⑦.Trim the theends of conductors.



⑧.install the termination cap in direction of arrow into the keystone jack



⑨.press both covers of the keystone jack to contact the cable



⑩.use cable tie for strain relief and to fix the shielding clamp