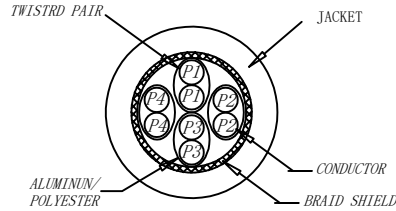
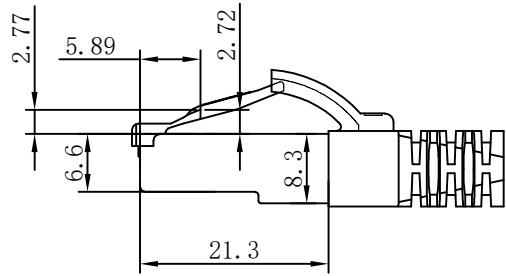
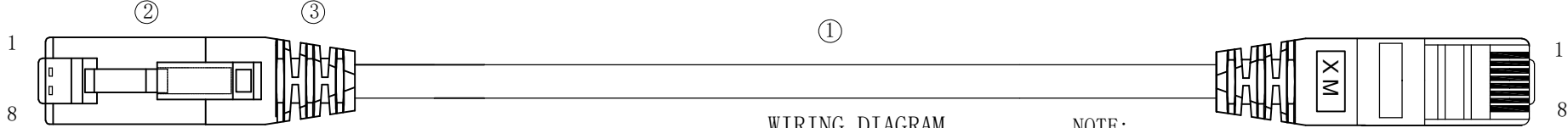
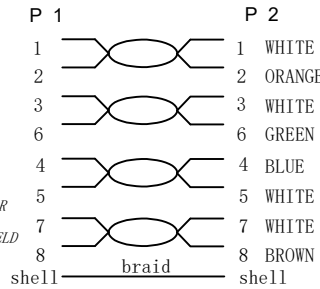


CAT.6A/Class Ea S/FTP 26AWG PUR 500MHz ISO/IEC 11801 Class Ea Channel Link 100% tested & EN 50173-1 & ANSI/TIA-568-C.2 www.Synergy21.de **CE**



WIRING DIAGRAM



NOTE:

- ELECTRICAL TEST:100% OPEN SHORT, MISS WIRE TEST
- TEST LIMIT:Fluke ISO 11801 channel Class Ea PASS
- operating temperature, fixed:-40 ~ +90 ° C
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 3.0 AND REACH COMPLIANT
- Support PoE/PoE+PoE++
- Chemical Properties :
Non flame retardant, halogen free,
oil resistant, Wearable, Anti-acid,
anti-hydrolysis, corrosion resistance, UV resistance,
low temperature resistant Drag Chain suitable
- Packing:Synergy21 PE Bag+Label
- Minimum of the bending radius is 60mm
- The patch cord is Not included silicon and LAPS

MATERIAL LIST:

| ③ | OVER MOLD | PVC 75A | 2PCS | |
|-----|------------|---|-------|--------|
| ② | PLUG | CAT6A 500Mhz POLYCARBONATE RJ45 8P8C PIN GOLD PLATED 3U", THE SHELLPLATED NICKEL, LONG BODY, TRANSPARENT BLUE | 2PCS | |
| ① | CABLE | S/FTP CAT.6A 500Mhz (26AWG BC*1P+AL-FOIL)*4PAIR+Braid AL-MG +Flexible PUR OD:6.2±0.2MM | 1PCS | |
| NO. | PARTS NAME | SPECIFICATION STANDARD | QT' Y | REMARK |

| | | | | |
|-------|-----|---------------------------------|------------|------|
| Hasia | | change "ROSH 2.0" to "ROSH 3.0" | 2022-02-25 | A1 |
| ARVIN | | NEW | 2021-07-20 | A |
| BY | CHK | REVISION RECORD MODIFICATIONS | DATE | REV. |

| SYNERGY 21 | | | | | |
|--|----------------------|------------|---------------|----|--|
| CUSTOMER | | ITEM NO. | See The Chart | | |
| PRODUCT NAME | manufacture country: | CHINA | UNIT | MM | |
| Cat.6A S/FTP 26AWG Round Patch cord 10G Non fire retardant PUR | | | | | |
| DRAWNBY | CHECKBY | APPROVE | DATE | | |
| SYNERGY 21 | SYNERGY 21 | SYNERGY 21 | 2021-07-20 | | |

Chart

| COLOR:BLACK (PANTONE BLACK 3C) | |
|--------------------------------|-----------|
| ITEM NO. | LENGTH |
| S217730 | 250±10 |
| S217731 | 500±15 |
| S217732 | 1000±20 |
| S217733 | 1500±30 |
| S217734 | 2000±30 |
| S217735 | 3000±50 |
| S217736 | 5000±100 |
| S217737 | 7500±200 |
| S217738 | 10000±200 |
| S217739 | 15000±300 |
| S217740 | 20000±300 |
| S217741 | 25000±300 |
| S217742 | 30000±500 |
| S217743 | 40000±500 |
| S217744 | 50000±500 |

| COLOR:WHITE (RAL 9003) | |
|------------------------|-----------|
| ITEM NO. | LENGTH |
| S217745 | 250±10 |
| S217746 | 500±15 |
| S217747 | 1000±20 |
| S217748 | 1500±30 |
| S217749 | 2000±30 |
| S217750 | 3000±50 |
| S217751 | 5000±100 |
| S217752 | 7500±200 |
| S217753 | 10000±200 |
| S217754 | 15000±300 |
| S217755 | 20000±300 |
| S217756 | 25000±300 |
| S217757 | 30000±500 |
| S217758 | 40000±500 |
| S217759 | 50000±500 |

| | | | | | | | | |
|--------------|--|-------------------------------|----------------------|----------|---------------|------------|------------|------------|
| SYNERGY 21 | | | | | | | | |
| CUSTOMER | | | | ITEM NO. | See The Chart | | | |
| PRODUCT NAME | Cat.6A S/FTP 26AWG Round Patch cord 10G Non fire retardant PUR | | manufacture country: | CHINA | UNIT | MM | | |
| ARVIN | | NEW | 2021-07-20 | A | DRAWNBY | CHECKBY | APPROVE | DATE |
| BY | CHK | REVISION RECORD MODIFICATIONS | DATE | REV. | SYNERGY 21 | SYNERGY 21 | SYNERGY 21 | 2021-07-20 |