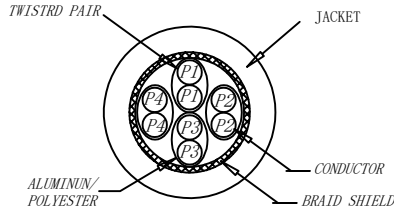
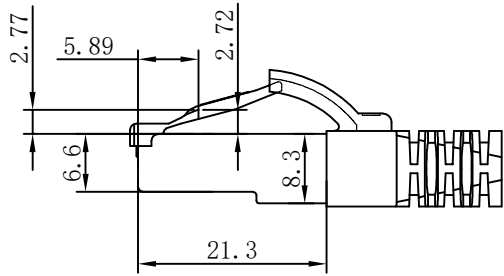
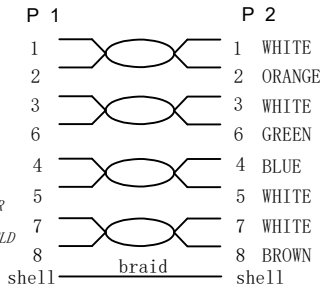


CAT.6A/Class Ea S/FTP 26AWG PUR 500MHz ISO/IEC 11801 Class Ea Channel Link 100% tested & EN 50173-1 & ANSI/TIA-568-C.2 www.Synergy21.de **CE**



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 |