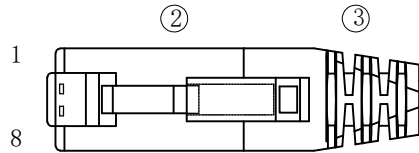
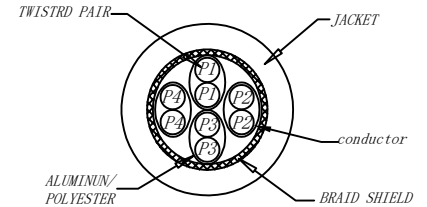
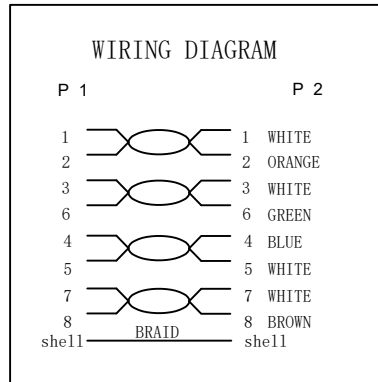
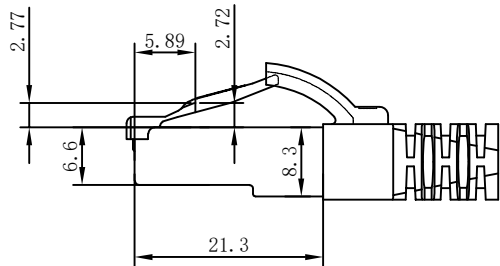
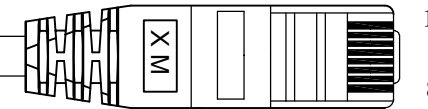


CAT. 6A S/FTP 27AWG LSZH 500MHz ISO/IEC 11801 Class Ea Channel Link 100% tested & EN 50173-1 & ANSI/TIA-568-C.2 www.Synergy21.de **CE**



①



**MATERIAL LIST:**

| ③   | OVER MOLD  | PVC 75A   | 8PCS  |        |
|-----|------------|---|-------|--------|
| ②   | PLUG       | RJ45 8P8C Shielded Plug, Pin Gold Plated 3u", Shell Nickel Plating , Transparent Blue | 2PCS  |        |
| ①   | CABLE      | S/FTP CAT. 6A 27AWG (BC+AL-FOIL)*4PAIR+Braid(AL-MG) +JACKET:LSZH OD:5.8±0.2MM         | 1PCS  |        |
| NO. | PARTS NAME | SPECIFICATION STANDARD  | QT' Y | REMARK |

**NOTE:**

- ELECTRICAL TEST:
  - 100% OPEN SHORT, MISS WIRE TEST
  - INSULATION RESISTANCE:DC 300V 10M Ohm;
  - CONTACTOR RESISTANCE:1 OHM per meter
- FLUKE TEST LIMIT:ISO11801 Channel Class Ea
- Operating temperature:-20°C ~ + 75°C
- ROHS 3.0 & REACH COMPLIANT
- Support PoE/PoE+/PoE++
- Packing:Synergy21 PE Bag+Label
- Minimum of the bending radius is 60mm
- Flame retardant (IEC60332-1-2)
  - Low smoke(IEC 61034)
  - Halogen free(IEC 60754-2)

|       |     |   |            |      |
|-------|-----|---|------------|------|
| Hasia |     | change "ROSH 2.0" to "ROSH 3.0"               | 2022-02-25 | A7   |
|       |     | Add IEC60332-1-2                              | 2021-01-23 | A6   |
|       |     | Change Spary Word                             | 2020-01-08 | A5   |
|       |     | Increase the minimum bend radius              | 2018-11-30 | A4   |
|       |     | Delete label on the cable & Change Spary Word | 2018-09-05 | A3   |
|       |     | CHANGE PACKING AND MARKING                    | 2018-03-09 | A2   |
| BY    | CHK | REVISION RECORD MODIFICATIONS                 | DATE       | REV. |

|                   |                                     |                      |               |         |
|-------------------|-------------------------------------|----------------------|---------------|---------|
| <b>SYNERGY 21</b> |                                     |                      |               |         |
| CUSTOMER          |                                     | ITEM NO.             | See The Chart |         |
| PRODUCT NAME      | CAT. 6A S/FTP 27AWG LSZH PATCH CORD | manufacture country: | CHINA         | UNIT MM |
| DRAWNBY           | CHECKBY                             | APPROVE              | DATE          |         |
| SYNERGY 21        | SYNERGY 21                          | SYNERGY 21           | 2015-01-20    |         |

Chart:

| COLOR:GREY PANTONE 421C |           |                  | COLOR:YELLOW PANTONE 135C |           |                  | COLOR:GREEN PANTONE 3278C |           |                  | COLOR:blue PANTONE 647C |           |                  |
|-------------------------|-----------|------------------|---------------------------|-----------|------------------|---------------------------|-----------|------------------|-------------------------|-----------|------------------|
| ITEM                    | LENGTH/mm | PACKING          | ITEM                      | LENGTH/mm | PACKING          | ITEM                      | LENGTH/mm | PACKING          | ITEM                    | LENGTH/mm | PACKING          |
| S216600                 | 250±10    | SYNERGY 21 A Bag | S216620                   | 250±10    | SYNERGY 21 A Bag | S216630                   | 250±10    | SYNERGY 21 A Bag | S216610                 | 250±10    | SYNERGY 21 A Bag |
| S216601                 | 500±15    | SYNERGY 21 A Bag | S216621                   | 500±15    | SYNERGY 21 A Bag | S216631                   | 500±15    | SYNERGY 21 A Bag | S216611                 | 500±15    | SYNERGY 21 A Bag |
| S216602                 | 1000±20   | SYNERGY 21 B Bag | S216622                   | 1000±20   | SYNERGY 21 B Bag | S216632                   | 1000±20   | SYNERGY 21 B Bag | S216612                 | 1000±20   | SYNERGY 21 B Bag |
| S216603                 | 1500±30   | SYNERGY 21 B Bag | S216623                   | 1500±30   | SYNERGY 21 B Bag | S216633                   | 1500±30   | SYNERGY 21 B Bag | S216613                 | 1500±30   | SYNERGY 21 B Bag |
| S216604                 | 2000±30   | SYNERGY 21 B Bag | S216624                   | 2000±30   | SYNERGY 21 B Bag | S216634                   | 2000±30   | SYNERGY 21 B Bag | S216614                 | 2000±30   | SYNERGY 21 B Bag |
| S216605                 | 3000±50   | SYNERGY 21 B Bag | S216625                   | 3000±50   | SYNERGY 21 B Bag | S216635                   | 3000±50   | SYNERGY 21 B Bag | S216615                 | 3000±50   | SYNERGY 21 B Bag |
| S216606                 | 5000±100  | SYNERGY 21 B Bag | S216626                   | 5000±100  | SYNERGY 21 B Bag | S216636                   | 5000±100  | SYNERGY 21 B Bag | S216616                 | 5000±100  | SYNERGY 21 B Bag |
| S216607                 | 7500±200  | SYNERGY 21 B Bag | S216627                   | 7500±200  | SYNERGY 21 B Bag | S216637                   | 7500±200  | SYNERGY 21 B Bag | S216617                 | 7500±200  | SYNERGY 21 B Bag |
| S216608                 | 10000±200 | SYNERGY 21 C Bag | S216628                   | 10000±200 | SYNERGY 21 C Bag | S216638                   | 10000±200 | SYNERGY 21 C Bag | S216618                 | 10000±200 | SYNERGY 21 C Bag |
| S216609                 | 15000±300 | SYNERGY 21 C Bag | S216629                   | 15000±300 | SYNERGY 21 C Bag | S216639                   | 15000±300 | SYNERGY 21 C Bag | S216619                 | 15000±300 | SYNERGY 21 C Bag |
|                         | 20000±300 | SYNERGY 21 C Bag |                           | 20000±300 | SYNERGY 21 C Bag |                           | 20000±300 | SYNERGY 21 C Bag |                         | 20000±300 | SYNERGY 21 C Bag |

|                   |                          |                               |         |          |   |
|-------------------|--------------------------|-------------------------------|---------|----------|---|
| <b>SYNERGY 21</b> |                          |                               |         |          |   |
| CUSTOMER          |                          |                               |         | ITEM NO. | See The Chart                               |
| PRODUCT NAME      | CAT. 6A S/FTP PATCH CORD | manufacture country:          | CHINA   | UNTT     | MM  |
|                   |                          |                               | APPROVE |          | DATE  |
| BY                | CHK                      | REVISION RECORD MODIFICATIONS | DATE    | REV.     | SYNERGY 21 SYNERGY 21 SYNERGY 21 2015-01-20 |

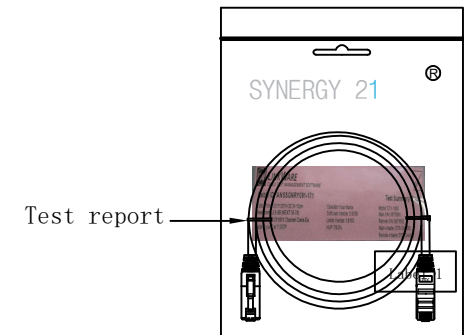
|    |     |                               |            |      |            |            |            |            |
|----|-----|-------------------------------|------------|------|------------|------------|------------|------------|
|    |     | NEW                           | 2015-01-20 | A    | DRAWNBY    | CHECKBY    | APPROVE    | DATE       |
| BY | CHK | REVISION RECORD MODIFICATIONS | DATE       | REV. | SYNERGY 21 | SYNERGY 21 | SYNERGY 21 | 2015-01-20 |

| COLOR:RED PANTONE 199C |           |                  |
|------------------------|-----------|------------------|
| ITEM                   | LENGTH/mm | PACKING          |
| S216650                | 250±10    | SYNERGY 21 A Bag |
| S216651                | 500±15    | SYNERGY 21 A Bag |
| S216652                | 1000±20   | SYNERGY 21 B Bag |
| S216653                | 1500±30   | SYNERGY 21 B Bag |
| S216654                | 2000±30   | SYNERGY 21 B Bag |
| S216655                | 3000±50   | SYNERGY 21 B Bag |
| S216656                | 5000±100  | SYNERGY 21 B Bag |
| S216657                | 7500±200  | SYNERGY 21 B Bag |
| S216658                | 10000±200 | SYNERGY 21 C Bag |
| S216659                | 15000±300 | SYNERGY 21 C Bag |
|                        | 20000±300 | SYNERGY 21 C Bag |

| COLOR:WHITE |           |                  |
|-------------|-----------|------------------|
| ITEM        | LENGTH/mm | PACKING          |
| S216670     | 250±10    | SYNERGY 21 A Bag |
| S216671     | 500±15    | SYNERGY 21 A Bag |
| S216672     | 1000±20   | SYNERGY 21 B Bag |
| S216673     | 1500±30   | SYNERGY 21 B Bag |
| S216674     | 2000±30   | SYNERGY 21 B Bag |
| S216675     | 3000±50   | SYNERGY 21 B Bag |
| S216676     | 5000±100  | SYNERGY 21 B Bag |
| S216677     | 7500±200  | SYNERGY 21 B Bag |
| S216678     | 10000±200 | SYNERGY 21 C Bag |
| S216679     | 15000±300 | SYNERGY 21 C Bag |
|             | 20000±300 | SYNERGY 21 C Bag |

| COLOR:BLACK PANTONE BLACK 3C |           |                  |
|------------------------------|-----------|------------------|
| ITEM                         | LENGTH/mm | PACKING          |
| S216660                      | 250±10    | SYNERGY 21 A Bag |
| S216661                      | 500±15    | SYNERGY 21 A Bag |
| S216662                      | 1000±20   | SYNERGY 21 B Bag |
| S216663                      | 1500±30   | SYNERGY 21 B Bag |
| S216664                      | 2000±30   | SYNERGY 21 B Bag |
| S216665                      | 3000±50   | SYNERGY 21 B Bag |
| S216666                      | 5000±100  | SYNERGY 21 B Bag |
| S216667                      | 7500±200  | SYNERGY 21 B Bag |
| S216668                      | 10000±200 | SYNERGY 21 C Bag |
| S216669                      | 15000±300 | SYNERGY 21 C Bag |
|                              | 20000±300 | SYNERGY 21 C Bag |

| COLOR:Orange PANTONE 1575C |           |                  |
|----------------------------|-----------|------------------|
| ITEM                       | LENGTH/mm | PACKING          |
| S216640                    | 250±10    | SYNERGY 21 A Bag |
| S216641                    | 500±15    | SYNERGY 21 A Bag |
| S216642                    | 1000±20   | SYNERGY 21 B Bag |
| S216643                    | 1500±30   | SYNERGY 21 B Bag |
| S216644                    | 2000±30   | SYNERGY 21 B Bag |
| S216645                    | 3000±50   | SYNERGY 21 B Bag |
| S216646                    | 5000±100  | SYNERGY 21 B Bag |
| S216647                    | 7500±200  | SYNERGY 21 B Bag |
| S216648                    | 10000±200 | SYNERGY 21 C Bag |
| S216649                    | 15000±300 | SYNERGY 21 C Bag |
|                            | 20000±300 | SYNERGY 21 C Bag |



| SYNERGY 21   |                         |                      |            |            |               |
|--------------|-------------------------|----------------------|------------|------------|---------------|
| CUSTOMER     |                         |                      |            | ITEM NO.   | See The Chart |
| PRODUCT NAME | CAT.6A S/FTP PATCH CORD | manufacture country: | CHINA      | UNTT       | MM            |
|              |                         | DRAWNBY              | CHECKBY    | APPROVE    | DATE          |
| BY           | CHK                     | SYNERGY 21           | SYNERGY 21 | SYNERGY 21 | 2015-01-20    |

| NEW                           |  | 2015-01-20 | A    |
|-------------------------------|--|------------|------|
| REVISION RECORD MODIFICATIONS |  | DATE       | REV. |