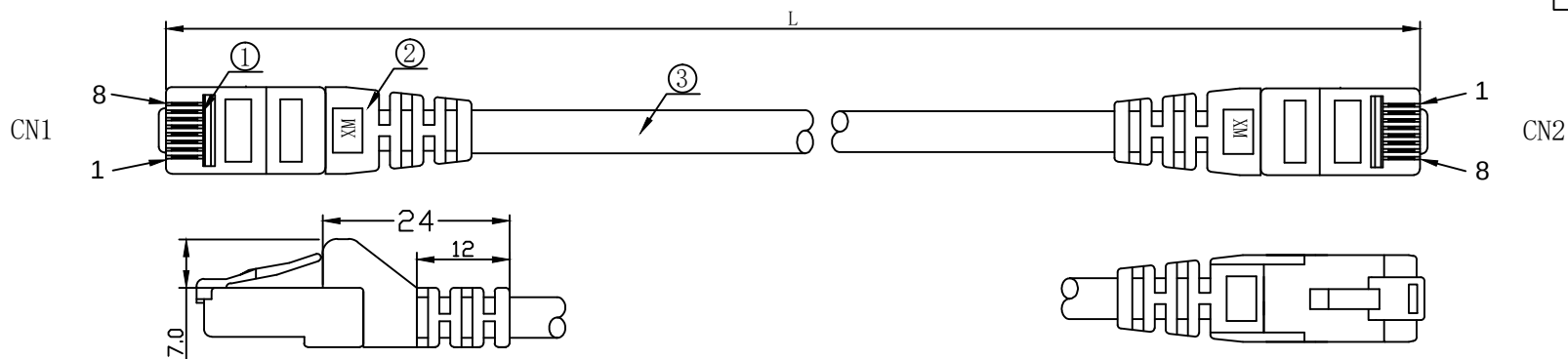




### PIN OUT

| CN1 (568B)     |   | CN2 (568B)     |
|----------------|---|----------------|
| WHITE/ORANGE 1 | ↔ | 1 WHITE/ORANGE |
| ORANGE 2       | ↔ | 2 ORANGE       |
| WHITE/GREEN 3  | ↔ | 3 WHITE/GREEN  |
| GREEN 6        | ↔ | 6 GREEN        |
| BLUE 4         | ↔ | 4 BLUE         |
| WHITE/BLUE 5   | ↔ | 5 WHITE/BLUE   |
| WHITE/BROWN 7  | ↔ | 7 WHITE/BROWN  |
| BROWN 8        | ↔ | 8 BROWN        |
| SHELL          | ↔ | SHELL          |

### NOTE:

#### 1. Electrical test:

- (1). 100% open short & miss wire test;
- (2). Insulation resistance: DC 300V 3M $\Omega$ ;
- (3). Contactor resistance: 15 $\Omega$ ;

#### 2. ROHS 2.0 AND REACH COMPLIANT

3. PRINT WORD: F/UTP CAT.5E 26AWG $\times$ 4P PATCH ISO/IEC 11801 & EN 50173 VERIFIED www.Synergy21.de

4. PACKING: SYNERGY 21 SLIP PE BAG+LABEL

5. FLUKE TEST: ISO11801 CHANNEL CLASS D

### MATERIAL LIST

| ⑥   | LABEL            | NO DRY GLUE LABEL                                                                       | 1          |        |
|-----|------------------|-----------------------------------------------------------------------------------------|------------|--------|
| ⑤   | MINI TIE         | PE MINI TIE (POSSESS METAL)                                                             | 2          |        |
| ④   | POLYETHYLENE BAG | SYNERGY 21 SLIP PE BAG                                                                  | 1          |        |
| ③   | CABLE            | F/UTP CAT.5e 26AWG CCA*4pairs+MYLAR+DRAIN+AL-FOIL, CABLE JACKET: PVC OD=5.2 $\pm$ 0.2mm | 1          |        |
| ②   | Over mold        | 80A PVC, COLOR: SEE THE CHART                                                           | 2          |        |
| ①   | Plug             | RJ45 8P8C'S SHIELDED THE SHELL PLATED NICKEL, PIN GOLD PLATED 3u"                       | 2          |        |
| NO. | PARTS NAME       | SPECIFICATION STANDARD                                                                  | QT'Y       | REMARK |
|     |                  | ADD "CE" MARK IN THE PRINT, CHANGE OD 5.7MM TO 5.2MM                                    | 2016-01-11 | A1     |
|     |                  | NEW                                                                                     | 2016-01-07 | A      |
| BY  | CHK              | REVISION RECORD MODIFICATIONS                                                           | DATE       | REV.   |

| SYNERGY 21   |                         |                      |       |               |    |
|--------------|-------------------------|----------------------|-------|---------------|----|
| CUSTOMER NO. |                         | ITEM NO.             |       | SEE THE CHART |    |
| PRODUCT NAME | CAT.5e F/UTP PATCH CORD | manufacture country: | CHINA | UNIT          | MM |
| DRAWNBY      |                         | CHECKBY              |       | APPOBY        |    |
| DATE         |                         | DATE                 |       | DATE          |    |
| SYNERGY 21   |                         | SYNERGY 21           |       | SYNERGY 21    |    |
| 2016-01-07   |                         | 2016-01-07           |       | 2016-01-07    |    |

## CHART

| COLOR:BLACK (PANTONE BLACK 3C) |           |                  |
|--------------------------------|-----------|------------------|
| ITEM NO.                       | LENGTH    | PACKING          |
| S215006                        | 250±30    | SYNERGY 21 BAG A |
| S215013                        | 500±30    | SYNERGY 21 BAG A |
| S215020                        | 1000±30   | SYNERGY 21 BAG A |
| S215026                        | 1500±50   | SYNERGY 21 BAG A |
| S215033                        | 2000±50   | SYNERGY 21 BAG A |
| S215040                        | 3000±70   | SYNERGY 21 BAG A |
| S215047                        | 5000±70   | SYNERGY 21 BAG B |
| S215053                        | 7500±150  | SYNERGY 21 BAG B |
| S215060                        | 10000±150 | SYNERGY 21 BAG B |
| S215066                        | 15000±200 | SYNERGY 21 BAG C |
| S215073                        | 20000±300 | SYNERGY 21 BAG C |
| S215079                        | 25000±300 | SYNERGY 21 BAG C |
| S215085                        | 30000±300 | SYNERGY 21 BAG D |

| COLOR:GREEN (PANTONE 3278C ) |           |                  |
|------------------------------|-----------|------------------|
| ITEM NO.                     | LENGTH    | PACKING          |
| S215004                      | 250±30    | SYNERGY 21 BAG A |
| S215011                      | 500±30    | SYNERGY 21 BAG A |
| S215018                      | 1000±30   | SYNERGY 21 BAG A |
| S215024                      | 1500±50   | SYNERGY 21 BAG A |
| S215031                      | 2000±50   | SYNERGY 21 BAG A |
| S215038                      | 3000±70   | SYNERGY 21 BAG A |
| S215045                      | 5000±70   | SYNERGY 21 BAG B |
| S215051                      | 7500±150  | SYNERGY 21 BAG B |
| S215058                      | 10000±150 | SYNERGY 21 BAG B |
| S215064                      | 15000±200 | SYNERGY 21 BAG C |
| S215071                      | 20000±300 | SYNERGY 21 BAG C |
| S215077                      | 25000±300 | SYNERGY 21 BAG C |
| S215083                      | 30000±300 | SYNERGY 21 BAG D |

| COLOR:RED (PANTONE 199C ) |           |                  |
|---------------------------|-----------|------------------|
| ITEM NO.                  | LENGTH    | PACKING          |
| S215005                   | 250±30    | SYNERGY 21 BAG A |
| S215012                   | 500±30    | SYNERGY 21 BAG A |
| S215019                   | 1000±30   | SYNERGY 21 BAG A |
| S215025                   | 1500±50   | SYNERGY 21 BAG A |
| S215032                   | 2000±50   | SYNERGY 21 BAG A |
| S215039                   | 3000±70   | SYNERGY 21 BAG A |
| S215046                   | 5000±70   | SYNERGY 21 BAG B |
| S215052                   | 7500±150  | SYNERGY 21 BAG B |
| S215059                   | 10000±150 | SYNERGY 21 BAG B |
| S215065                   | 15000±200 | SYNERGY 21 BAG C |
| S215072                   | 20000±300 | SYNERGY 21 BAG C |
| S215078                   | 25000±300 | SYNERGY 21 BAG C |
| S215084                   | 30000±300 | SYNERGY 21 BAG D |

| COLOR:BLUE (PANTONE 7462C ) |           |                  |
|-----------------------------|-----------|------------------|
| ITEM NO.                    | LENGTH    | PACKING          |
| S215001                     | 250±30    | SYNERGY 21 BAG A |
| S215007                     | 500±30    | SYNERGY 21 BAG A |
| S215014                     | 1000±30   | SYNERGY 21 BAG A |
| S215021                     | 1500±50   | SYNERGY 21 BAG A |
| S215027                     | 2000±50   | SYNERGY 21 BAG A |
| S215034                     | 3000±70   | SYNERGY 21 BAG A |
| S215041                     | 5000±70   | SYNERGY 21 BAG B |
| S215048                     | 7500±150  | SYNERGY 21 BAG B |
| S215054                     | 10000±150 | SYNERGY 21 BAG B |
| S215061                     | 15000±200 | SYNERGY 21 BAG C |
| S215067                     | 20000±300 | SYNERGY 21 BAG C |
| S215074                     | 25000±300 | SYNERGY 21 BAG C |
| S215080                     | 30000±300 | SYNERGY 21 BAG D |

| COLOR:YELLOW (PANTONE 135C ) |           |                  |
|------------------------------|-----------|------------------|
| ITEM NO.                     | LENGTH    | PACKING          |
| S215002                      | 250±30    | SYNERGY 21 BAG A |
| S215009                      | 500±30    | SYNERGY 21 BAG A |
| S215016                      | 1000±30   | SYNERGY 21 BAG A |
| S215022                      | 1500±30   | SYNERGY 21 BAG A |
| S215029                      | 2000±30   | SYNERGY 21 BAG A |
| S215036                      | 3000±70   | SYNERGY 21 BAG A |
| S215036                      | 5000±70   | SYNERGY 21 BAG B |
| S215049                      | 7500±150  | SYNERGY 21 BAG B |
| S215056                      | 10000±150 | SYNERGY 21 BAG B |
| S215062                      | 15000±200 | SYNERGY 21 BAG C |
| S215069                      | 20000±300 | SYNERGY 21 BAG C |
| S215075                      | 25000±300 | SYNERGY 21 BAG C |
| S215081                      | 30000±300 | SYNERGY 21 BAG D |

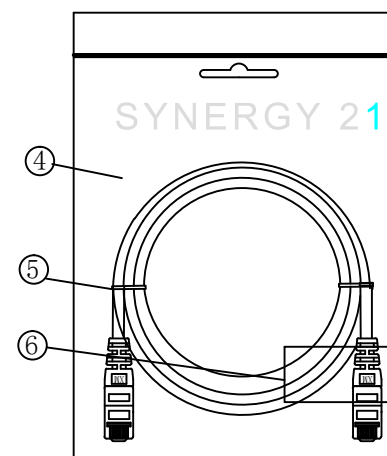
## SYNERGY 21

| CUSTOMER NO. |                          | ITEM NO.             |            | SEE THE CHART |    |
|--------------|--------------------------|----------------------|------------|---------------|----|
| PRODUCT NAME | CAT. 5e F/UTP PATCH CORD | manufacture country: | CHINA      | UNTT          | MM |
| DRAWNBY      | CHECKBY                  | APPOBY               | DATE       |               |    |
| SYNERGY 21   | SYNERGY 21               | SYNERGY 21           | 2016-01-07 |               |    |

|    |     |                               |            |      |
|----|-----|-------------------------------|------------|------|
|    |     | NEW                           | 2016-01-07 | A    |
| BY | CHK | REVISION RECORD MODIFICATIONS | DATE       | REV. |

CHART

| COLOR: GREY (PANTONE 420C ) |           |                  |
|-----------------------------|-----------|------------------|
| ITEM NO.                    | LENGTH    | PACKING          |
| S215003                     | 250±30    | SYNERGY 21 BAG A |
| S215010                     | 500±30    | SYNERGY 21 BAG A |
| S215017                     | 1000±30   | SYNERGY 21 BAG A |
| S215023                     | 1500±50   | SYNERGY 21 BAG A |
| S215030                     | 2000±50   | SYNERGY 21 BAG A |
| S215037                     | 3000±70   | SYNERGY 21 BAG A |
| S215044                     | 5000±70   | SYNERGY 21 BAG B |
| S215050                     | 7500±150  | SYNERGY 21 BAG B |
| S215057                     | 10000±150 | SYNERGY 21 BAG B |
| S215063                     | 15000±200 | SYNERGY 21 BAG C |
| S215070                     | 20000±300 | SYNERGY 21 BAG C |
| S215076                     | 25000±300 | SYNERGY 21 BAG C |
| S215082                     | 30000±300 | SYNERGY 21 BAG D |
| S215196                     | 40000±400 | SYNERGY 21 BAG D |
| S215197                     | 50000±400 | SYNERGY 21 BAG D |



| SYNERGY 21   |                          |                      |          |            |              |    |
|--------------|--------------------------|----------------------|----------|------------|--------------|----|
| CUSTOMER NO. |                          |                      | ITEM NO. |            | SEE THE CHAR |    |
| PRODUCT NAME | CAT. 5e F/UTP PATCH CORD | manufacture country: | CHINA    |            | UNIT         | MM |
| DRAWNBY      |                          | CHECKBY              |          | APPOBY     | DATE         |    |
| SYNERGY 21   |                          | SYNERGY 21           |          | SYNERGY 21 | 2016-01-07   |    |

|                               |     |      |            |            |
|-------------------------------|-----|------|------------|------------|
| BY                            | CHK | NEW  | 2016-01-07 | A          |
| REVISION RECORD MODIFICATIONS |     | DATE | REV.       | SYNERGY 21 |