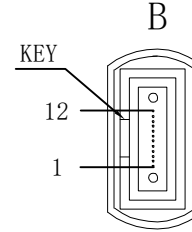


WIRING TYPE B Cross

|    |    |        |
|----|----|--------|
| 1  | 12 | Blue   |
| 2  | 11 | Orange |
| 3  | 10 | Green  |
| 4  | 9  | Brown  |
| 5  | 8  | Gray   |
| 6  | 7  | White  |
| 7  | 6  | Red    |
| 8  | 5  | Black  |
| 9  | 4  | Yellow |
| 10 | 3  | Violet |
| 11 | 2  | Pink   |
| 12 | 1  | Aqua   |



| ITEM NO. | Length |
|----------|--------|
| S216785  | 0.5M   |
| S216786  | 1M     |
| S216787  | 2M     |
| S216788  | 3M     |
| S216789  | 5M     |
| S216790  | 7.5M   |
| S216791  | 10M    |
| S216792  | 15M    |

**⚠ Fiber Transfer Distance**

|                      | Wavelength | 50/125 OM4 |
|----------------------|------------|------------|
| 1 Gigabit Ethernet   | 850nm      | 1100m      |
| 10 Gigabit Ethernet  | 850nm      | 550m       |
| 40 Gigabit Ethernet  | 850nm      | 150m       |
| 100 Gigabit Ethernet | 850nm      | 125m       |

**Note:**

- RoHS 2011/65/EU and amendment directives (EU) 2015/863 compliant; REACH 1907/2006/EC compliant.
- Operating Temperature: 0° C ~ +60° C
- Storage Temperature: -20° C ~ +70° C
- Min. bending radius : 10\*D (Static) 20\*D (Dynamic)  
D: diameter of cable

| Type            | Multi-Mode                    |
|-----------------|-------------------------------|
|                 | MTP® ELITE LOW INSERTION LOSS |
| Insertion Loss  | ≤ 0.35dB (IEC 61300-3-4)      |
| Return Loss     | ≥ 30dB (IEC 61300-3-6)        |
| Test Wavelength | 850nm                         |

SinglePack: 1pc/SYNERGY21 A bag/test report+label;  
SubPack: no; Carton +labelx2;

**MATERIAL LIST:**

| NO | SPECIFICATION STANDARD  | QT'Y | REMARK |
|----|---|------|--------|
| ⑥  | FIBER OPTICAL CABLE 12C OM4 50/125 Round Jacket LSZH Erika violet OD: 3.0mm | L    |        |
| ⑤  | MTP® Black Boot   | 2    |        |
| ④  | Housing Erika violet USconec  | 2    |        |
| ③  | Plastic Body Black USconec  | 2    |        |
| ②  | Resin Ferrule PC MM USconec MTP® ELITE                                      | 2    |        |
| ①  | MTP® Black Dust cover   | 2    |        |

|     |     |   |  |      | SYNERGY 21 |          |              |                                       |                      |            |         |
|-----|-----|---|--|------|------------|----------|--------------|---------------------------------------|----------------------|------------|---------|
|     |     | SPECIFICATION STANDARD                      |  | QT'Y | REMARK     | CUSTOMER | ITEM NO.     |                                       | see the chart        |            |         |
| Tan | Fan | Add the table about Transmission distance ⚠ |  |      | 2024-12-11 | A1       | PRODUCT NAME | MTP® ELITE F/F 12 Core OM4 Patch Cord | manufacture country: | CHINA      | UNIT mm |
|     |     | NEW   |  |      | 2021-08-23 | A0       | DRAWNBY      | CHECKBY                               | APPOBY               | DATE       |         |
| BY  | CHK | REVISION RECORD MODIFICATIONS               |  |      | DATE       | REV.     | SYNERGY 21   | SYNERGY 21                            | SYNERGY 21           | 2021-08-23 |         |