**Note:**

1.RoHS 3.0 &amp; Reach Compliant

2.Text:

| Test Grade Designation:Each to Reference |          |               |
|------------------------------------------|----------|---------------|
| Grade IL/RL                              | Standard |               |
| Insertion Loss (IL)                      | ≤0.3dB   | IEC 61300-3-4 |
| Return Loss (RL)                         | ≥50dB    | IEC 61300-3-6 |
| Test Wavelength                          | 1310nm   |               |
| End face inspection                      | ×400     |               |

3.Operating Temperature:-40° C ~+85° C

4.Storage Temperature:-20° C ~+70° C

5.Min. bending radius : 10\*D(Static) 20\*D(Dynamic)

D:diameter of cable

**MATERIAL LIST:**

| NO. | SPECIFICATION STANDARD                                             | QT' Y  | REMARK |
|-----|--------------------------------------------------------------------|--------|--------|
| ⑧   | Ring 1 2                                                           | 4pcs   |        |
| ⑦   | Black Heat Shrink Tube                                             | 2pcs   |        |
| ⑥   | LC Clip Blue                                                       | 2pcs   |        |
| ⑤   | LC Dust Cap White                                                  | 4pcs   |        |
| ④   | LC Duplex Connector Blue                                           | 4pcs   |        |
| ③   | LC Flex-Angle boot ID: 2.0mm                                       | 4pcs   |        |
| ②   | LC/UPC SM Ferrule 126-128um                                        | 4pcs   |        |
| ①   | Fiber Optical Cable Duplex Ø2.0mm OS2(G657.A2) 9/125um Yellow LSZH | L+0.1m |        |

| SYNERGY 21 |     |                                 |  |  |              |  |                     |  |            |
|------------|-----|---------------------------------|--|--|--------------|--|---------------------|--|------------|
|            |     |                                 |  |  | CUSTOMER     |  | ITEM NO.            |  |            |
|            |     | change "ROSH 2.0" to "ROSH 3.0" |  |  | PRODUCT NAME |  | Manufacture country |  | UNIT MM    |
|            |     | NEW                             |  |  | DRAWNBY      |  | CHECKBY             |  | DATE       |
| BY         | CHK | REVISION RECORD MODIFICATIONS   |  |  | SYNERGY 21   |  | SYNERGY 21          |  | 2021-09-08 |

| TEST REPORT                       |                  |                                                                                                                                                                                                        |         |           |         |
|-----------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------|
| Batch No.                         |                  | <div>Attention: Please clean the fiber surface!<br/>Achtung: Bitte reinigen Sie Steckeroberflächen!</div> <div></div> |         |           |         |
| Artikel NO.                       |                  |                                                                                                                                                                                                        |         |           |         |
| ITEM Number                       |                  |                                                                                                                                                                                                        |         |           |         |
| Description                       |                  |                                                                                                                                                                                                        |         |           |         |
| Notes                             |                  |                                                                                                                                                                                                        |         |           |         |
| Min.bending radius (mm)           | Static: 10*D     | D: Cable diameter                                                                                                                                                                                      |         |           |         |
|                                   | Dynamic: 20*D    |                                                                                                                                                                                                        |         |           |         |
| TEST VALUES                       |                  |                                                                                                                                                                                                        |         |           |         |
| Standard<br>(Each to Reference)   | Allow Loss       | CHANNEL 1                                                                                                                                                                                              |         | CHANNEL 2 |         |
|                                   | $\lambda=1310nm$ | Conn. 1                                                                                                                                                                                                | Conn. 2 | Conn. 1   | Conn. 2 |
| Insertion Loss<br>(IEC 61300-3-4) | $\leq 0.30dB$    | dB                                                                                                                                                                                                     | dB      | dB        | dB      |
| Return Loss<br>(IEC 61300-3-6)    | UPC $\geq 50dB$  | dB                                                                                                                                                                                                     | dB      | dB        | dB      |
|                                   | APC $\geq 60dB$  |                                                                                                                                                                                                        |         |           |         |
| RESULT                            |                  | OK                                                                                                                                                                                                     |         |           |         |

PACKING DRAW

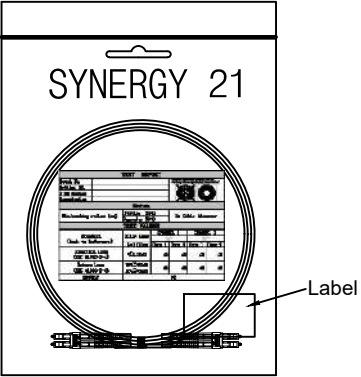


Chart:

| Item No. | Package                                                                           | EAN Code      | LENGTH (MM) |
|----------|-----------------------------------------------------------------------------------|---------------|-------------|
| S217040  | SinglePack: 1pc/SYNERGY 21 A bag/test report+label; SubPack: no; Carton +labelx2; | 4038816114112 | 500         |
| S217041  | SinglePack: 1pc/SYNERGY 21 A bag/test report+label; SubPack: no; Carton +labelx2; | 4038816114204 | 1000        |
| S217042  | SinglePack: 1pc/SYNERGY 21 A bag/test report+label; SubPack: no; Carton +labelx2; | 4038816114228 | 1500        |
| S217043  | SinglePack: 1pc/SYNERGY 21 A bag/test report+label; SubPack: no; Carton +labelx2; | 4038816114235 | 2000        |
| S217044  | SinglePack: 1pc/SYNERGY 21 A bag/test report+label; SubPack: no; Carton +labelx2; | 4038816114303 | 3000        |
| S217045  | SinglePack: 1pc/SYNERGY 21 B bag/test report+label; SubPack: no; Carton +labelx2; | 4038816114310 | 5000        |
| S217046  | SinglePack: 1pc/SYNERGY 21 B bag/test report+label; SubPack: no; Carton +labelx2; | 4038816114327 | 7500        |
| S217047  | SinglePack: 1pc/SYNERGY 21 A bag/test report+label; SubPack: no; Carton +labelx2; | 4038816114358 | 10000       |
| S217048  | SinglePack: 1pc/SYNERGY 21 C bag/test report+label; SubPack: no; Carton +labelx2; | 4038816207258 | 15000       |
| S217049  | SinglePack: 1pc/SYNERGY 21 C bag/test report+label; SubPack: no; Carton +labelx2; | 4038816114402 | 20000       |

|    |     |                               |            |     |  | SYNERGY 21   |                                             |                     |               |      |    |
|----|-----|-------------------------------|------------|-----|--|--------------|---------------------------------------------|---------------------|---------------|------|----|
|    |     |                               |            |     |  | CUSTOMER     |                                             | ITEM NO.            | see the chart |      |    |
|    |     |                               |            |     |  | PRODUCT NAME | LC/UPC-LC/UPC DX OS2 2.0mm, Flex-Angle boot | Manufacture country | CHINA         | UNIT | MM |
|    |     | NEW                           | 2021-11-08 | A   |  | DRAWNBY      | CHECKBY                                     | APPOBY              | DATE          |      |    |
| BY | CHK | REVISION RECORD MODIFICATIONS | DATE       | REV |  | SYNERGY 21   | SYNERGY 21                                  | SYNERGY 21          | 2021-11-08    |      |    |