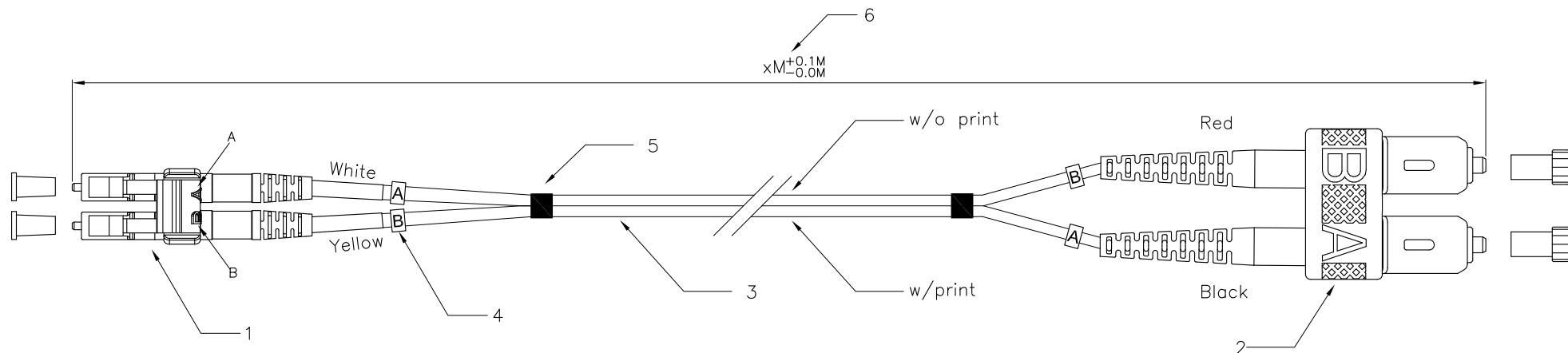




## Specification:

### 1. LC(Short boot) Connector :

| Mode | Ferrule           | Housing   | Clip      | Boot       | Tube              | Cap       |
|------|-------------------|-----------|-----------|------------|-------------------|-----------|
| MM   | Zirconia(ø1.25mm) | Ivory(PC) | Ivory(PP) | White(TPE) | White/Yellow(PVC) | White(PE) |

### 2. SC Connector :

| Mode | Ferrule           | Housing    | Clip      | Boot           | Cap       |
|------|-------------------|------------|-----------|----------------|-----------|
| MM   | Zirconia(ø2.50mm) | Ivory(PBT) | Ivory(PC) | Red/Black(TPE) | Clear(PE) |

### 3. Cable Type : Zipcord

| Category      | Jacket O.D. | Jacket Material | Color |
|---------------|-------------|-----------------|-------|
| OM3(50/125um) | ø2.0mm      | PVC             | Aqua  |

### 4. Cable Marker

### 5. Shrink Tube

### 6. Length : xM

Part No. Table

| Part NO.   | Description         | Length |
|------------|---------------------|--------|
| 21.15.8710 | OM3 50/125µm, LC-SC | 0.5M   |
| 21.15.8711 | OM3 50/125µm, LC-SC | 1M     |
| 21.15.8712 | OM3 50/125µm, LC-SC | 2M     |
| 21.15.8713 | OM3 50/125µm, LC-SC | 3M     |
| 21.15.8715 | OM3 50/125µm, LC-SC | 5M     |
| 21.15.8718 | OM3 50/125µm, LC-SC | 10M    |

## Performance:

- Insertion Loss : Multimode<0.3 dB
- Fiber Extention :  $-0.05\mu\text{m} < H < +0.05\mu\text{m}$
- $\phi 1.25\text{mm}$  Ferrule End-face Radius :  $7 < R < 25\text{mm}$
- $\phi 2.50\text{mm}$  Ferrule End-face Radius :  $10 < R < 25\text{mm}$
- Apex Offset :  $< 50\mu\text{m}$
- Insertion Loss will be Increased after 500 mating : 0.2 dB Max
- Operating Temperature :  $-20^{\circ}\text{C}$  to  $+70^{\circ}\text{C}$
- Storage Temperature :  $-40^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$

|                                                                                                                                               |          |                        |                                                    |                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------------|----------------------------------------------------|-----------------------------------------------------|
| "#": Matching DIM.<br>"*": Important DIM.<br>Others General DIM.<br>GENERAL TOLERANCE OF DIMENSIONS<br>X.XXX ±0.005<br>X.XX ±0.05<br>X.X ±0.1 | DRAWING  | 26.APR.2021            | YMN                                                |                                                     |
|                                                                                                                                               | CHECK    | 26.APR.2021            | DAY                                                |                                                     |
|                                                                                                                                               | APPROVAL | 26.APR.2021            | FRANK                                              |                                                     |
|                                                                                                                                               |          | DATE                   | NAME                                               | ITEM NO.: AS Part No. Table                         |
|                                                                                                                                               | SCALE    | 1/1 (A4)               | UNIT                                               | mm                                                  |
|                                                                                                                                               |          |                        |                                                    | DES.: ROLINE Cable FO 50/125µm LC-SC OM3, turquoise |
|                                                                                                                                               |          | DRAWING NO.            | ROLINE Cable FO 50/125µm LC-SC OM3, turquoise(S01) |                                                     |
|                                                                                                                                               |          | DRAWING CLASSIFICATION | S                                                  | SHEET 1 OF 1                                        |
|                                                                                                                                               |          |                        |                                                    | 01                                                  |