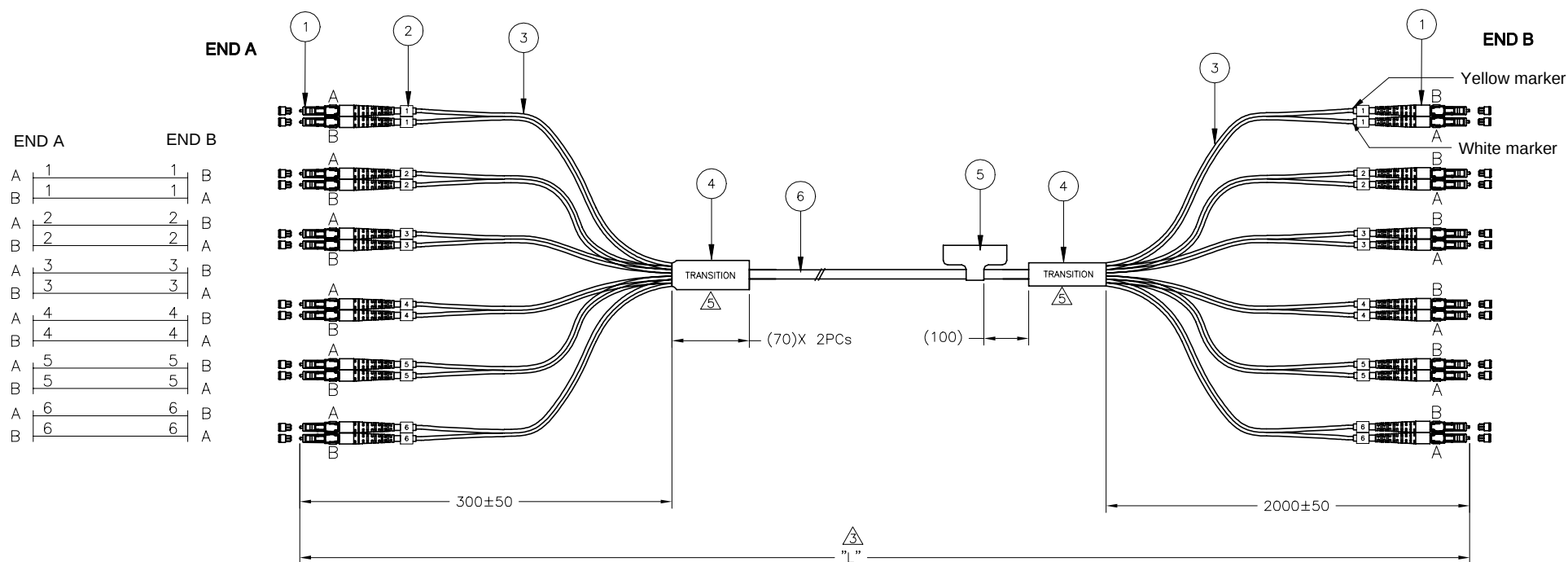
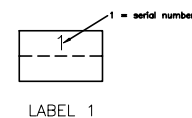
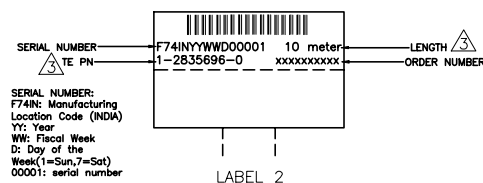


| REVISIONS |     |               |             |     |     |
|-----------|-----|---------------|-------------|-----|-----|
| P         | LTR | DESCRIPTION   | DATE        | DWN | APP |
|           | A   | ECR-21-000134 | 06.JAN.2021 | SS  | R3  |



DETAIL FOR REFERENCE ONLY



NOTES:

- 1 MAX. CONNECTOR ATTENUATION 0.3dB, MEASURED AT 1310 nm AND 1550 nm  
ACCORDING TO IEC 61300-3-4 INSERTION METHOD B
- 2 MIN. RETURN LOSS 50 dB, IN MATED CONDITION  
AGAINST REFERENCE CONNECTOR AT 1310 nm AND 1550 nm
- 3 INFORMATION ON LABEL, SEE DETAIL FOR EXAMPLE.
- 4 CABLE INFORMATION:
- CORE DIAMETER: 9/125um
  - OUTER JACKET DIAMETER: ø6.8MM
  - OUTER JACKET COLOUR: BLACK
  - OUTER JACKET MATERIAL: LSZH
  - CABLE ATTENUATION:0.4dB/km @1310 nm OR 0.3dB/km @1550 nm
  - UL1666 & CPR: Dca-s2,d1,a1 COMPLIANCE
- 5 THE TRANSITION DEVICE MEETS IP67

|                                                                                       |                                                                                       |
|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| L                                                                                     | #6.8MM FO CABLE 12FIBER, SINGLE MODE G657A2, LSZH, BLACK                              |
| 1                                                                                     | MARKER LABEL 2                                                                        |
| 2                                                                                     | CABLE BRANCHING DEVICE, 12C                                                           |
| L                                                                                     | FLEXIBLE PROTECTION TUBE, LSZH, BLACK<br>ø2-2.5mm                                     |
| 24                                                                                    | MARKER LABEL 1                                                                        |
| 12                                                                                    | LC DUPLEX CONNECTOR, SINGLE MODE, BLUE                                                |
| Qty                                                                                   | Description                                                                           |
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                                       |
| DIMENSIONS:                                                                           | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                                |
| mm                                                                                    |                                                                                       |
|  | Ø FRC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± -<br>FINISH |
| MATERIAL                                                                              |                                                                                       |
| -                                                                                     | -                                                                                     |
|                                                                                       |                                                                                       |
| CUSTOMER DRAWING                                                                      |                                                                                       |
| SCALE NTS SHEET 1 OF 2 REV                                                            |                                                                                       |

4

3

2

1

| REVISIONS |     |             |      |     |      |
|-----------|-----|-------------|------|-----|------|
| P         | LYR | DESCRIPTION | DATE | DWN | APVD |
|           | -   | SEE SHEET 1 | -    | -   | -    |

| LENGTH "L" IN MM | TOLERANCE |
|------------------|-----------|
| L ≤ 50000        | ±1%       |
| L > 50000        | ±1%       |

| PART NUMBER | DESCRIPTION                       | LENGTH (Meters) | REMARKS |
|-------------|-----------------------------------|-----------------|---------|
| 1-2835696-0 | FOSM 12F LC DUPLEX-LC DUPLEX,10m  | 10±0.10         |         |
| 2-2835696-0 | FOSM 12F LC DUPLEX-LC DUPLEX,20m  | 20±0.20         |         |
| 3-2835696-0 | FOSM 12F LC DUPLEX-LC DUPLEX,30m  | 30±0.30         |         |
| 5-2835696-0 | FOSM 12F LC DUPLEX-LC DUPLEX,50m  | 50±0.50         |         |
| 7-2835696-0 | FOSM 12F LC DUPLEX-LC DUPLEX,70m  | 70±0.70         |         |
| 9-2835696-9 | FOSM 12F LC DUPLEX-LC DUPLEX,100m | 100±1.0         |         |
| 9-2835696-8 | FOSM 12F LC DUPLEX-LC DUPLEX,150m | 150±1.5         |         |
| 9-2835696-6 | FOSM 12F LC DUPLEX-LC DUPLEX,250m | 250±2.5         |         |

D

D

C

C

B

B

A

A

2835696

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:

mm



MATERIAL

-

TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

-

DWN

SIDDHARTH SINGH

20NOV2020

CHK

HERBERT. ZHANG

20NOV2020

APVD

ROGER SONG

20NOV2020

PRODUCT SPEC

-

APPLICATION SPEC

-

WEIGHT

-

CUSTOMER DRAWING

NAME

FOSM 12F LC DUPLEX-LC DUPLEX

SIZE

A2

GAGE CODE

00779

DRAWING NO

C-2835696

RESTRICTED TO

-

SCALE

NTS

SHEET

2 of 2

REV

A

TE Connectivity

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[5-2835696-0](#)