

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A	ECR-21-000134		06JAN2021	SS	RS

D

C

B

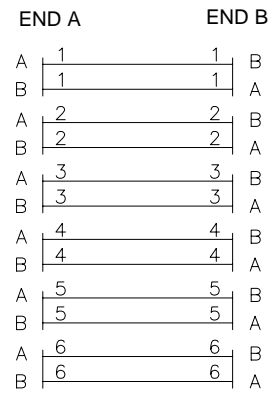
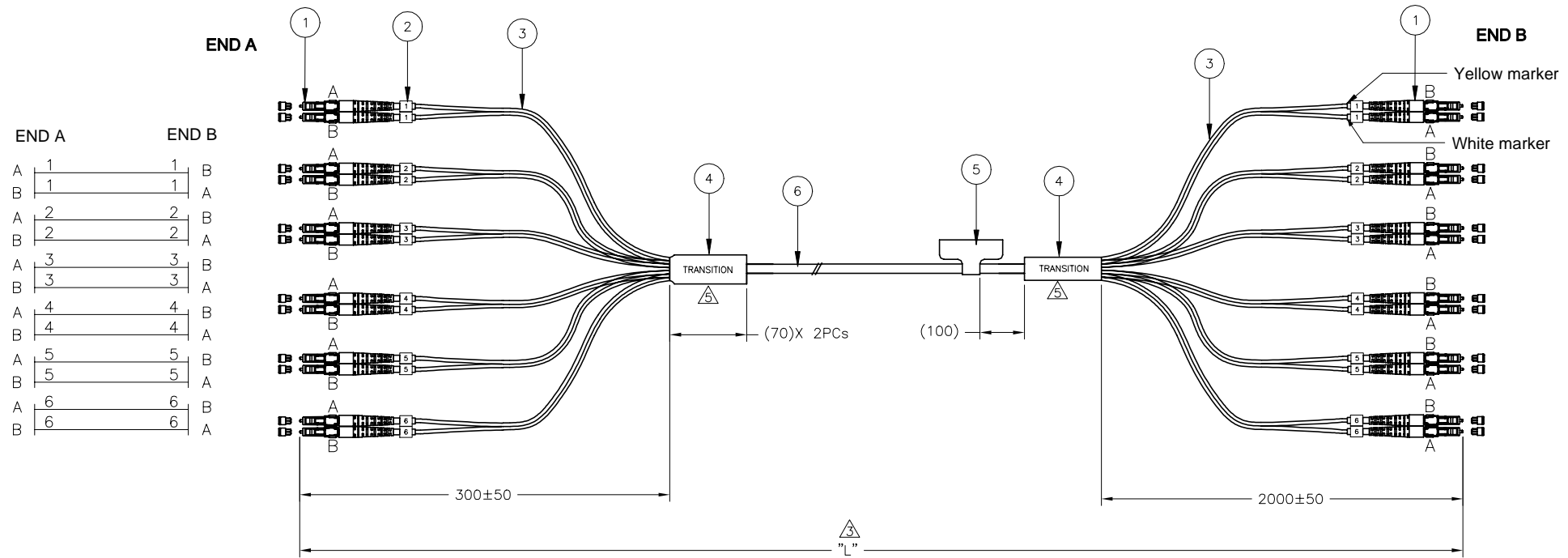
A

D

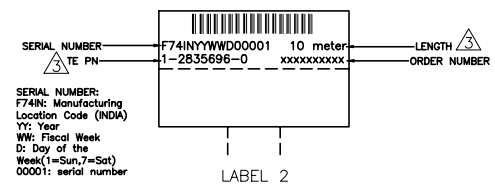
C

B

A



DETAIL FOR REFERENCE ONLY



- NOTES:**
- MAX. CONNECTOR ATTENUATION 0.3dB, MEASURED AT 1310 nm AND 1550 nm ACCORDING TO IEC 61300-3-4 INSERTION METHOD B
 - MIN. RETURN LOSS 50 dB, IN MATED CONDITION AGAINST REFERENCE CONNECTOR AT 1310 nm AND 1550 nm
 - INFORMATION ON LABEL, SEE DETAIL FOR EXAMPLE.
 - 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
- THE TRANSITION DEVICE MEETS IP67

L	Ø6.8MM FO CABLE 12FIBER, SINGLE MODE G657A2, LSZH, BLACK	6
1	MARKER LABEL 2	5
2	CABLE BRANCHING DEVICE, 12C	4
L	FLEXIBLE PROTECTION TUBE, LSZH, BLACK Ø2-2.5mm	3
24	MARKER LABEL 1	2
12	LC DUPLEX CONNECTOR, SINGLE MODE, BLUE	1
Qty	Description	Item
THIS DRAWING IS A CONTROLLED DOCUMENT.		
DIMENSIONS: mm TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±		DWN: SIDDHARTH SINGH 20NOV2020 CHK: HERBERT. ZHANG 20NOV2020 APVD: ROGER SONG 20NOV2020 NAME: FOSM 12F LC DUPLEX-LC DUPLEX PRODUCT SPEC: - APPLICATION SPEC: - SIZE: A2 GAGE CODE: 00779 DRAWING NO: 2835696 RESTRICTED TO: - WEIGHT: - CUSTOMER DRAWING: - SCALE: NTS SHEET: 1 of 2 REV: A


2835696

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	

2835696

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		CHK HERBERT ZHANG 20NOV2020																														
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD ROGER SONG 20NOV2020																												
<table border="1"> <tr><td>0</td><td>PLC</td><td>±</td><td>-</td></tr> <tr><td>1</td><td>PLC</td><td>±</td><td>-</td></tr> <tr><td>2</td><td>PLC</td><td>±</td><td>-</td></tr> <tr><td>3</td><td>PLC</td><td>±</td><td>-</td></tr> <tr><td>4</td><td>PLC</td><td>±</td><td>-</td></tr> <tr><td colspan="2">ANGLES</td><td>±</td><td>-</td></tr> <tr><td colspan="2">FINISH</td><td></td><td></td></tr> </table>		0	PLC	±	-	1	PLC	±	-	2	PLC	±	-	3	PLC	±	-	4	PLC	±	-	ANGLES		±	-	FINISH				NAME FOSM 12F LC DUPLEX-LC DUPLEX		RESTRICTED TO -
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		CUSTOMER DRAWING		DRAWING NO C-2835696																												
		SCALE NTS		SHEET 2 of 2																												
				REV A																												

Mouser Electronics

Authorized Distributor

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[1-2835696-0](#)