

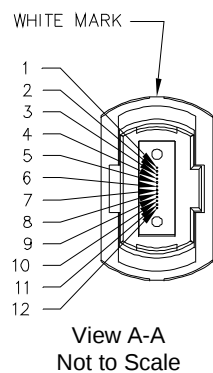
Right Side
Connector(s): MPO (No Pins)
Mode: MM
Housing Color: Black
Geom. Spec: N/A

- 1 Product and Processing must meet requirements of TE CONNECTIVITY Standard 230-702
- 2 A copy of test data will be placed inside or with the unit package.
- 3 Label 2 will not be present on any cable assembly less than 5 meters long.
- 4 The cable meets or exceeds the requirements of GR-409-CORE for both RISER and PLENUM applications.
- 5 The cable meets or exceeds the UL requirements for both RISER and PLENUM applications.

	A2	REVISED PER ECO-11-005139						14APR11	RK	HMR	
P	LTR	REVISION RECORD						DATE	DWN	APVD	

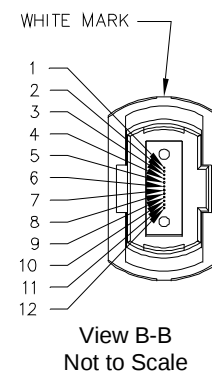
TOLERANCES UNLESS OTHERWISE SPECIFIED		
PLC	±	"
PLC	±	"
PLC	±	"
PLC	±	"
PLC	±	"

DIN Cable Assy Configurator		MATERIAL	HEAT TREAT	
CHK	Joe Davis	-	-	
APVD	Joe Davis	 TE Connectivity		
NAME FO C/A - 24 fiber, 50/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)				
SCALE NTS	SIZE A2	DRAWING NO C- 6435029	SHEET 1 of 5	REV A2



Pairs Flipped

A-A Fiber Color	Connector Position #	B-B Fiber Color
Blue	1	Orange
Orange	2	Blue
Green	3	Brown
Brown	4	Green
Slate	5	White
White	6	Slate
Red	7	Black
Black	8	Red
Yellow	9	Violet
Violet	10	Yellow
Rose	11	Aqua
Aqua	12	Rose



Lightray Connector Fiber Path

Leg 1 1 Leg

Leg 2 2 Leg

LOC	
CE	
DIST	16

[illegible]

DIMENSIONS; meters		TOLERANCES UNLESS OTHERWISE SPECIFIED	
	0 PLC	±	-
	1 PLC	±	-
	2 PLC	±	-
	3 PLC	±	-

Part: Cable Assy Configurator		MATERIAL: -		HEAT TREAT: -	
CRK: Joe Davis		 TE Connectivity			
APVD: Joe Davis					
NAME: FO C/A - 24 fiber, 50/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)					
SCALE: NTS	SIZE: A2	DRAWING NO: C- 6435029		SHEET: 2 of 5	REV: A2

Qty	U of M	Description	Item No.
0.167	piece	Label, 1 & 2	23
3	piece	Trace Label	22
4	piece	Ferrule, MT, MM, 12 Fiber	21
0.2	RL	Electrical Tape	20
4.06	meters	Oval Tube, Orange	19
4	piece	Boot, MPO - Black	18
4	piece	Dust Cover	17
1	piece	Braided Sleeve	16
1	piece	Caution Label	15
1	piece	Pulling Sock	14
4	piece	Spirap 5.5"	13
1	piece	Heat Shrink Tubing	12
0.5	piece	Foam Cap	11
4	piece	Construction tape	10
2	piece	Heat Shrink Tubing	9
4	piece	Crimp Ring	8
4	piece	Spring Retainer	7
4	piece	Spring	6
4	piece	Connector Housing	5
AR	meter	24 Fiber, 50/125, 7.8mm, CLT, Orange, OFNR/OFNP	4
2	piece	VACUUM HOSE, SPIRAFLEX 1 FOOT	3
4	piece	Pin Holder w/out Pins	2
4	piece	Mini boot, 12 fiber	1

DIMENSIONS; meters		TOLERANCES UNLESS OTHERWISE SPECIFIED	
	0 PLC	±	-
	1 PLC	±	-
	2 PLC	±	-
	3 PLC	±	-
	4 PLC	±	-



TE Connectivity

6435029

	USED ON
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Part #	L (meters)	L (feet)	MPO (No Pins), Black		MPO (No Pins), Black	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
4-6435029-5	137.160 - 139.903	450.00 - 459.00	0.96	-	0.96	-
4-6435029-6	140.208 - 143.012	460.00 - 469.20	0.96	-	0.96	-
4-6435029-7	143.256 - 146.121	470.00 - 479.40	0.96	-	0.96	-
4-6435029-8	146.304 - 149.230	480.00 - 489.60	0.97	-	0.97	-
4-6435029-9	149.352 - 152.339	490.00 - 499.80	0.97	-	0.97	-
5-6435029-0	152.400 - 155.448	500.00 - 510.00	0.98	-	0.98	-
5-6435029-1	160.020 - 163.220	525.00 - 535.50	0.99	-	0.99	-
5-6435029-2	167.640 - 170.993	550.00 - 561.00	1	-	1	-
5-6435029-3	175.260 - 178.765	575.00 - 586.50	1.01	-	1.01	-
5-6435029-4	182.880 - 186.538	600.00 - 612.00	1.02	-	1.02	-
5-6435029-5	190.500 - 194.310	625.00 - 637.50	1.04	-	1.04	-
5-6435029-6	198.120 - 202.082	650.00 - 663.00	1.05	-	1.05	-
5-6435029-7	205.740 - 209.855	675.00 - 688.50	1.06	-	1.06	-
5-6435029-8	213.360 - 217.627	700.00 - 714.00	1.07	-	1.07	-
5-6435029-9	220.980 - 225.400	725.00 - 739.50	1.08	-	1.08	-
6-6435029-0	228.600 - 233.172	750.00 - 765.00	1.09	-	1.09	-
6-6435029-1	236.220 - 240.944	775.00 - 790.50	1.1	-	1.1	-
6-6435029-2	243.840 - 248.717	800.00 - 816.00	1.12	-	1.12	-
6-6435029-3	251.460 - 256.489	825.00 - 841.50	1.13	-	1.13	-
6-6435029-4	259.080 - 264.262	850.00 - 867.00	1.14	-	1.14	-
6-6435029-5	266.700 - 272.034	875.00 - 892.50	1.15	-	1.15	-
6-6435029-6	274.320 - 279.806	900.00 - 918.00	1.16	-	1.16	-
6-6435029-7	281.940 - 287.579	925.00 - 943.50	1.17	-	1.17	-
6-6435029-8	289.560 - 295.351	950.00 - 969.00	1.18	-	1.18	-
6-6435029-9	297.180 - 303.124	975.00 - 994.50	1.2	-	1.2	-
7-6435029-0	304.800 - 310.896	1000.00 - 1020.00	1.21	-	1.21	-
7-6435029-1	7.620 - 8.230	25.00 - 27.00	0.76	-	0.76	-
7-6435029-2	10.668 - 11.278	35.00 - 37.00	0.77	-	0.77	-
7-6435029-3	13.716 - 14.326	45.00 - 47.00	0.77	-	0.77	-

LOC
CE
DIST
16

		SEE SHEET 1			
P	LTR	REVISION RECORD		DATE	DWN AP

DIMENSIONS: meters		TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK Joe Davis	 TE Connectivity			
		0 P.C.	-	APVD Joe Davis				
		1 P.C.	-					
		2 P.C.	-					
		3 P.C.	-					
		4 P.C.	-	NAME FO C/A - 24 fiber, 50/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)				
				SCALE NTS	SIZE A2	DRAWING NO C- 6435029	SHEET 4 of 5	REV A2

8

7

6

5

4

3

2

1

D

C

B

A

Label 1

Per specification 107-1645-1



Trace # - Bar Code

Trace # - Human Readable

Part Number

Country of Origin

This label is used on all lengths on this drawing.

Label 2

Per specification 107-1645-1



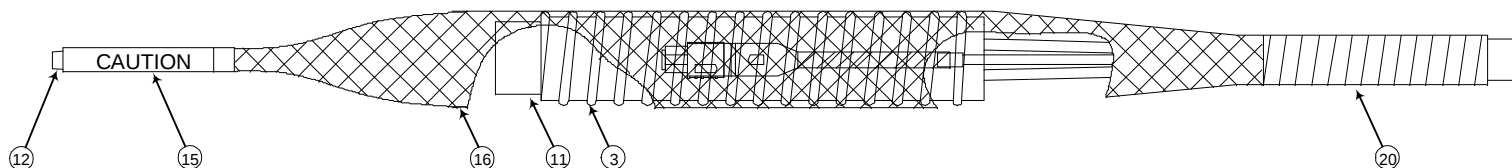
Trace # - Bar Code

Trace # - Human Readable

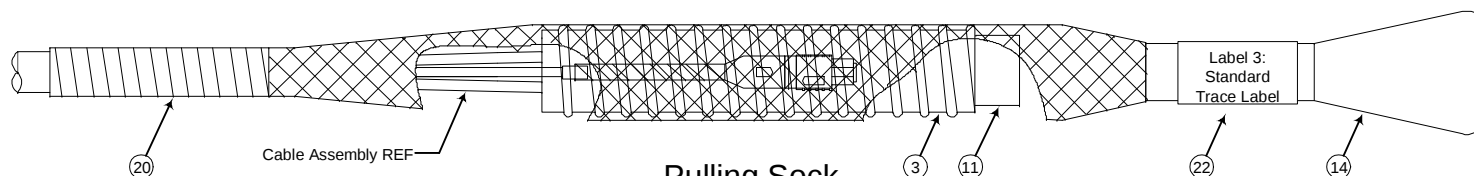
Part Number

Country of Origin

This label is used on all lengths on this drawing.



Protective Cover
Bottom End



Pulling Sock
Top End

LOC
CE
DIST
16

SEE SHEET 1			
P	LTR	REVISION RECORD	DATE

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
meters	
9 P.L.C.	± .
1 P.L.C.	± .
2 P.L.C.	± .
3 P.L.C.	± .
4 P.L.C.	± .

DIN	Cable Assy Configurator	MATERIAL	HEAT TREAT
OK	Joe Davis		
APVD	Joe Davis		
NAME	FO C/A - 24 fiber, 50/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)		
SCALE	NTS	SIZE	A2
DRAWING NO	C- 6435029	SHEET	5 of 5
REV	A2		

TE TE Connectivity

8 7 6 5 4 3 2 1