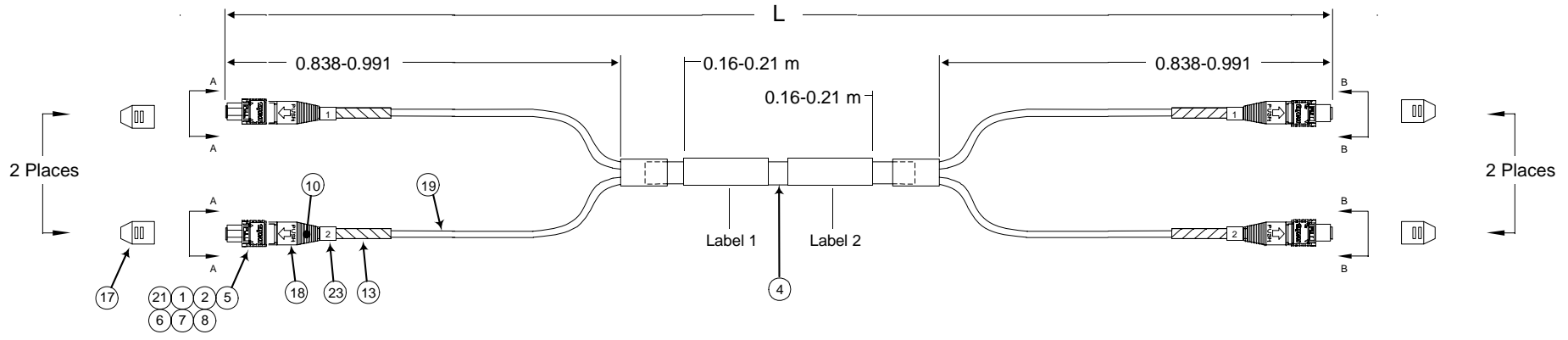


Restricted to: General Release

USED ON

6435025 THIS DRAWING IS A CONTROLLED DOCUMENT



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

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

- Notes:**
- 1 Product and Processing must meet requirements of Tyco Electronics 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.

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION. IT IS NOT TO BE DISCLOSED TO ANY OTHER PERSON OR ENTITY WITHOUT THE WRITTEN AUTHORIZATION OF TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA.

LOC
CE
DIST
16

A	Rev Per	EC#	RELEASED	6/6/2006	-	DF	
P	LTR		REVISION RECORD	DATE	DIN	APVD	

DIMENSIONS: meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:

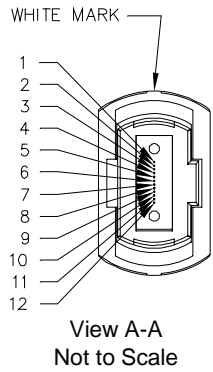
Ø	PLC	±	-
	1 PLC	±	-
	2 PLC	±	-
	3 PLC	±	-
	4 PLC	±	-

Customer Print

DIN	Cable Assy Configurator	MATERIAL	-	HEAT TREAT	-
CHK	Dave Fennell				
APVD	Dave Fennell				
NAME	FO C/A - 24 fiber, 62.5/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)				
SCALE	NTS	SIZE	A2	DRAWING NO	C- 6435025
SHEET	1 of 5	REV	A		

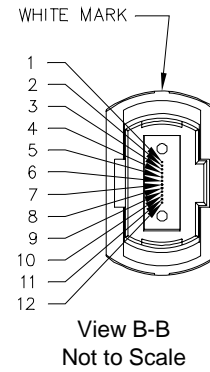
Restricted to: General Release

USED ON

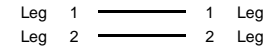


Pairs Flipped

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



THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS, INC. IT IS TO BE KEPT CONFIDENTIAL AND NOT DISCLOSED TO ANY OTHER PERSON OR ENTITY WITHOUT THE WRITTEN AUTHORIZATION OF TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA.

LOC
 CE
 DIST
 16

A	Rev Per EC#	RELEASED	6/6/2006	-	DF		
P	LTR	REVISION RECORD	DATE	DN	APVD		

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

DIN	Cable Assy Configurator	MATERIAL	-	HEAT TREAT	-
CHK	Dave Fennell	Tyco Electronics, Inc. Harrisburg, PA 17105-3608			
APVD	Dave Fennell				
NAME FO C/A - 24 fiber, 62.5/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)					
SCALE	NTS	SIZE	A2	DRAWING NO	C- 6435025
SHEET	2 of 5	REV	A		

D
 C
 B
 A

Restricted to: General Release

USED ON

Part #	L (meters)	L (feet)	MPO (No Pins), Black		MPO (No Pins), Black	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
0-6435025-1	3.048 - 3.353	10.00 - 11.00	0.75	-	0.75	-
0-6435025-2	6.096 - 6.706	20.00 - 22.00	0.76	-	0.76	-
0-6435025-3	9.144 - 9.754	30.00 - 32.00	0.76	-	0.76	-
0-6435025-4	12.192 - 12.802	40.00 - 42.00	0.77	-	0.77	-
0-6435025-5	15.240 - 15.850	50.00 - 52.00	0.77	-	0.77	-
0-6435025-6	18.288 - 18.898	60.00 - 62.00	0.78	-	0.78	-
0-6435025-7	21.336 - 21.946	70.00 - 72.00	0.78	-	0.78	-
0-6435025-8	24.384 - 24.994	80.00 - 82.00	0.79	-	0.79	-
0-6435025-9	27.432 - 28.042	90.00 - 92.00	0.79	-	0.79	-
1-6435025-0	30.480 - 31.394	100.00 - 103.00	0.8	-	0.8	-
1-6435025-1	33.528 - 34.442	110.00 - 113.00	0.8	-	0.8	-
1-6435025-2	36.576 - 37.490	120.00 - 123.00	0.8	-	0.8	-
1-6435025-3	39.624 - 40.538	130.00 - 133.00	0.81	-	0.81	-
1-6435025-4	42.672 - 43.586	140.00 - 143.00	0.81	-	0.81	-
1-6435025-5	45.720 - 46.634	150.00 - 153.00	0.82	-	0.82	-
1-6435025-6	48.768 - 49.682	160.00 - 163.00	0.82	-	0.82	-
1-6435025-7	51.816 - 52.730	170.00 - 173.00	0.83	-	0.83	-
1-6435025-8	54.864 - 55.778	180.00 - 183.00	0.83	-	0.83	-
1-6435025-9	57.912 - 58.826	190.00 - 193.00	0.84	-	0.84	-
2-6435025-0	60.960 - 62.179	200.00 - 204.00	0.84	-	0.84	-
2-6435025-1	64.008 - 65.227	210.00 - 214.00	0.85	-	0.85	-
2-6435025-2	67.056 - 68.275	220.00 - 224.00	0.85	-	0.85	-
2-6435025-3	70.104 - 71.323	230.00 - 234.00	0.86	-	0.86	-
2-6435025-4	73.152 - 74.371	240.00 - 244.00	0.86	-	0.86	-
2-6435025-5	76.200 - 77.419	250.00 - 254.00	0.86	-	0.86	-
2-6435025-6	79.248 - 80.467	260.00 - 264.00	0.87	-	0.87	-
2-6435025-7	82.296 - 83.515	270.00 - 274.00	0.87	-	0.87	-
2-6435025-8	85.344 - 86.563	280.00 - 284.00	0.88	-	0.88	-
2-6435025-9	88.392 - 89.611	290.00 - 294.00	0.88	-	0.88	-
3-6435025-0	91.440 - 93.269	300.00 - 306.00	0.89	-	0.89	-
3-6435025-1	94.488 - 96.378	310.00 - 316.20	0.89	-	0.89	-
3-6435025-2	97.536 - 99.487	320.00 - 326.40	0.9	-	0.9	-
3-6435025-3	100.584 - 102.596	330.00 - 336.60	0.9	-	0.9	-
3-6435025-4	103.632 - 105.705	340.00 - 346.80	0.91	-	0.91	-
3-6435025-5	106.680 - 108.814	350.00 - 357.00	0.91	-	0.91	-
3-6435025-6	109.728 - 111.923	360.00 - 367.20	0.91	-	0.91	-
3-6435025-7	112.776 - 115.032	370.00 - 377.40	0.92	-	0.92	-
3-6435025-8	115.824 - 118.140	380.00 - 387.60	0.92	-	0.92	-
3-6435025-9	118.872 - 121.249	390.00 - 397.80	0.93	-	0.93	-
4-6435025-0	121.920 - 124.358	400.00 - 408.00	0.93	-	0.93	-
4-6435025-1	124.968 - 127.467	410.00 - 418.20	0.94	-	0.94	-
4-6435025-2	128.016 - 130.576	420.00 - 428.40	0.94	-	0.94	-
4-6435025-3	131.064 - 133.685	430.00 - 438.60	0.95	-	0.95	-
4-6435025-4	134.112 - 136.794	440.00 - 448.80	0.95	-	0.95	-

Qty	U of M	Description	Item No.
4	piece	Mini boot, 12 fiber	1
4	piece	Pin Holder w/out Pins	2
2	piece	VACUUM HOSE, SPIRAFLEX 1 FOOT	3
AR	meter	24 Fiber, 62.5/125, 7.8mm, CLT, Orange, OFNR/OFNP	4
4	piece	Connector Housing	5
4	piece	Spring	6
4	piece	Spring Retainer	7
4	piece	Crimp Ring	8
2	piece	Heat Shrink Tubing	9
4	piece	Construction tape	10
0.5	piece	Foam Cap	11
1	piece	Heat Shrink Tubing	12
4	piece	Spirap 5.5"	13
1	piece	Pulling Sock	14
1	piece	Caution Label	15
1	piece	Braided Sleeve	16
4	piece	Dust Cover	17
4	piece	Boot, MPO - Black	18
4.06	meters	Oval Tube, Orange	19
0.2	RL	Electrical Tape	20
4	piece	Ferrule, MT, MM, 12 Fiber	21
4	piece	Trace Label	22
0.167	piece	Label, 1 & 2	23

THIS DRAWING IS A CONTROLLED DOCUMENT.

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS. IT IS TO BE KEPT CONFIDENTIAL AND NOT DISCLOSED TO ANY OTHER PERSONS OR ORGANIZATIONS WITHOUT WRITTEN AUTHORIZATION FROM TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA.

LOC
CE
DIST
16

A	Rev Per	EC#	RELEASED	6/6/2006	-	DF	
P	LTR		REVISION RECORD	DATE	DN	APVD	

DIMENSIONS: meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± .1
1 PLC ± .1
2 PLC ± .1
3 PLC ± .1
4 PLC ± .1

Customer Print

DIN	Cable Assy Configurator	MATERIAL	-	HEAT TREAT	-
CHK	Dave Fennell				
APVD	Dave Fennell				
NAME	FO C/A - 24 fiber, 62.5/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)				
SCALE	SIZE	DRAWING NO	SHEET	REV	
NTS	A2	C- 6435025	3 of 5	A	

USED ON

Restricted to: General Release


Part #	L (meters)	L (feet)	MPO (No Pins), Black		MPO (No Pins), Black	
			IL (dB)	RL (dB)	IL (dB)	RL (dB)
4-6435025-5	137.160 - 139.903	450.00 - 459.00	0.96	-	0.96	-
4-6435025-6	140.208 - 143.012	460.00 - 469.20	0.96	-	0.96	-
4-6435025-7	143.256 - 146.121	470.00 - 479.40	0.96	-	0.96	-
4-6435025-8	146.304 - 149.230	480.00 - 489.60	0.97	-	0.97	-
4-6435025-9	149.352 - 152.339	490.00 - 499.80	0.97	-	0.97	-
5-6435025-0	152.400 - 155.448	500.00 - 510.00	0.98	-	0.98	-
5-6435025-1	160.020 - 163.220	525.00 - 535.50	0.99	-	0.99	-
5-6435025-2	167.640 - 170.993	550.00 - 561.00	1	-	1	-
5-6435025-3	175.260 - 178.765	575.00 - 586.50	1.01	-	1.01	-
5-6435025-4	182.880 - 186.538	600.00 - 612.00	1.02	-	1.02	-
5-6435025-5	190.500 - 194.310	625.00 - 637.50	1.04	-	1.04	-
5-6435025-6	198.120 - 202.082	650.00 - 663.00	1.05	-	1.05	-
5-6435025-7	205.740 - 209.855	675.00 - 688.50	1.06	-	1.06	-
5-6435025-8	213.360 - 217.627	700.00 - 714.00	1.07	-	1.07	-
5-6435025-9	220.980 - 225.400	725.00 - 739.50	1.08	-	1.08	-
6-6435025-0	228.600 - 233.172	750.00 - 765.00	1.09	-	1.09	-
6-6435025-1	236.220 - 240.944	775.00 - 790.50	1.1	-	1.1	-
6-6435025-2	243.840 - 248.717	800.00 - 816.00	1.12	-	1.12	-
6-6435025-3	251.460 - 256.489	825.00 - 841.50	1.13	-	1.13	-
6-6435025-4	259.080 - 264.262	850.00 - 867.00	1.14	-	1.14	-
6-6435025-5	266.700 - 272.034	875.00 - 892.50	1.15	-	1.15	-
6-6435025-6	274.320 - 279.806	900.00 - 918.00	1.16	-	1.16	-
6-6435025-7	281.940 - 287.579	925.00 - 943.50	1.17	-	1.17	-
6-6435025-8	289.560 - 295.351	950.00 - 969.00	1.18	-	1.18	-
6-6435025-9	297.180 - 303.124	975.00 - 994.50	1.2	-	1.2	-
7-6435025-0	304.800 - 310.896	1000.00 - 1020.00	1.21	-	1.21	-


THIS DRAWING IS A CONTROLLED DOCUMENT.

THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA. IT IS TO BE USED ONLY BY TYCO ELECTRONICS PERSONNEL, WITHOUT WRITTEN AUTHORIZATION FROM TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA.

LOC
CE
DIST
16

A	Rev Per	EC#	RELEASED	6/6/2006	DF
P	LTR	REVISION RECORD	DATE	DN	APVD

DIMENSIONS: meters

 CUSTOMER PRINT

DIN	Cable Assy Configurator		MATERIAL	HEAT TREAT
CHK	Dave Fennell		-	-
APVD	Dave Fennell		 Tyco Electronics, Inc. Harrisburg, PA 17105-3608	
NAME FO C/A - 24 fiber, 62.5/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)				
SCALE	SIZE	DRAWING NO	SHEET	REV
NTS	A2	C- 6435025	4 of 5	A

A
B
C
D

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.

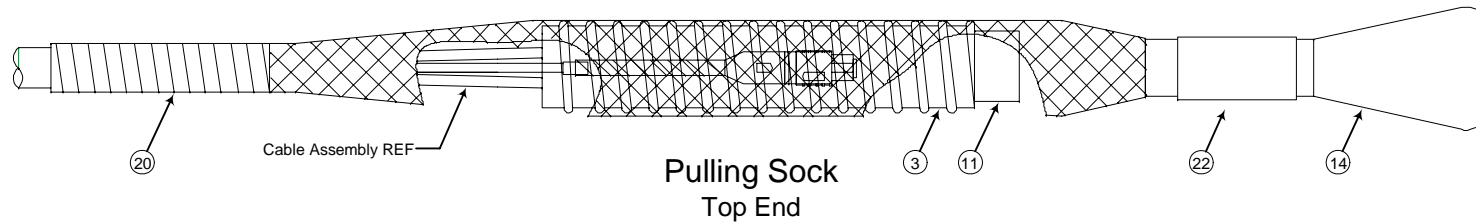
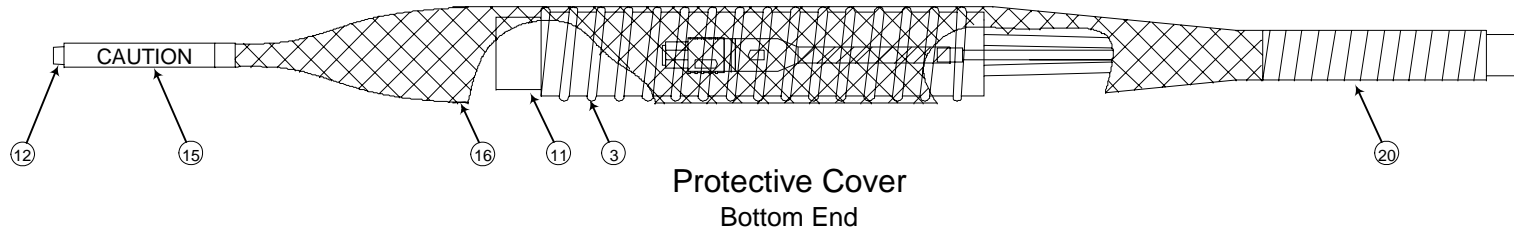
Label 2

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.



THIS INFORMATION IS CONFIDENTIAL AND PROPRIETARY TO TYCO ELECTRONICS, INC. IT IS TO BE USED ONLY BY THE PERSONNEL OF TYCO ELECTRONICS PERSONNEL, WITHOUT WRITTEN AUTHORIZATION FROM TYCO ELECTRONICS CORPORATION, HARRISBURG, PENNSYLVANIA.

LOC
CE
DIST
16

A	Rev Per EC#	RELEASED	6/6/2006	-	DF		
P	LTR	REVISION RECORD	DATE	DN	APVD		

DIMENSIONS: meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:

Ø	PLC	±	-
	PLC	±	-
	PLC	±	-
	PLC	±	-
	PLC	±	-

Customer Print

DIN	Cable Assy Configurator	MATERIAL	-	HEAT TREAT	-
CHK	Dave Fennell				
APVD	Dave Fennell				
NAME	FO C/A - 24 fiber, 62.5/125, OFNR-OFNP, MPO (No Pins) to MPO (No Pins)				
SCALE	NTS	SIZE	A2	DRAWING NO	C- 6435025
SHEET	5 of 5	REV	A		