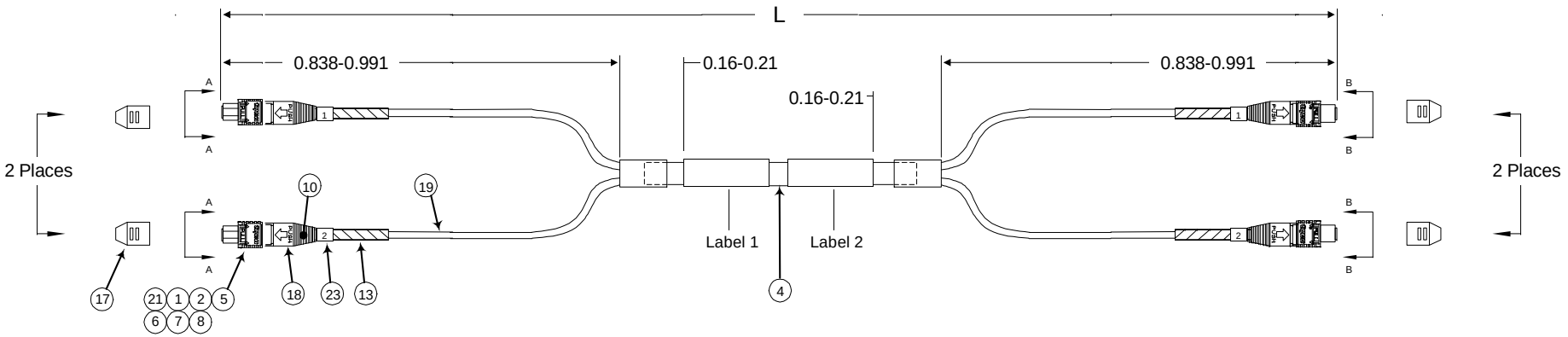
Restricted to: General Release

USED ON



Left Side

Connector(s): MPO SECURE (No Pins)
Mode: MM
Housing Color: Green
Geom. Spec: N/A

Right Side

Connector(s): MPO SECURE (No Pins)
Mode: MM
Housing Color: Green
Geom. Spec: N/A

Notes:

1 IL tested at 1300nm.
2 Product and Processing must meet requirements of Tyco Electronics Standard 230-702
3 A copy of test data will be placed inside or with the unit package.
4 Label 2 will not be present on any cable assembly less than 5 meters long.
5 The cable meets or exceeds the requirements of GR-409-CORE for both RISER and PLENUM applications.
6 The cable meets or exceeds the UL requirements for both RISER and PLENUM applications.

P	LTR	REVISION RECORD	DATE	DWN	APVD
	A	Rev Per EC# RELEASE	0/13/2006	-	MK

DIMENSIONS: meters

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -

Customer Print

DWN Cable Assy Configurator
CHK Michael Kepko
APVD Michael Kepko
MATERIAL -
HEAT TREAT -
AMP Tyco Electronics, Inc. Harrisburg, PA 17105-3608
NAME FO C/A - 24 fiber, 50/125, OFNR-OFNP, MPO SECURE (No Pins) to MPO SECURE (No Pins)
SCALE NTS
SIZE A2
DRAWING NO C- 6754282
SHEET 1 of 5
REV A

LOC CE
DIST 16

CAC Customer Layout Rev: D

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6754282 DWG NO
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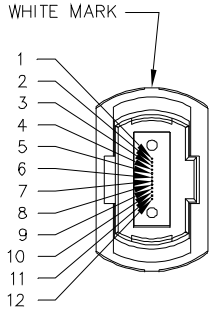
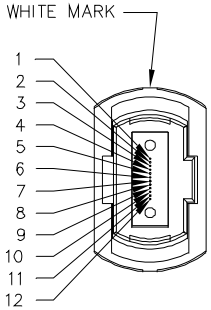
USED ON



View A-A
Not to Scale

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



View B-B
Not to Scale

Lightray Connector Fiber Path

Leg 1 ——— 1 Leg
Leg 2 ——— 2 Leg

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Customer Print

DWN Cable Assy Configurator
CHK Michael Kepko
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MATERIAL -
HEAT TREAT -
AMP Tyco Electronics, Inc. Harrisburg, PA 17105-3608
NAME FO C/A - 24 fiber, 50/125, OFNR-OFNP, MPO SECURE (No Pins) to MPO SECURE (No Pins)
SCALE NTS
SIZE A2
DRAWING NO C- 6754282
SHEET 2 of 5
REV A

LOC CE
DIST 16

CAC Customer Layout Rev: D

8 7 6 5 4 3 2 1

D C B A

Restricted to: General Release

USED ON

Part #	L (meters)	L (feet)	MPO SECURE (No Pins), Green IL (dB)	MPO SECURE (No Pins), Green RL (dB)	MPO SECURE (No Pins), Green IL (dB)	MPO SECURE (No Pins), Green RL (dB)
0-6754282-1	3.048 - 3.353	10.00 - 11.00	0.75	-	0.75	-
0-6754282-2	6.096 - 6.706	20.00 - 22.00	0.76	-	0.76	-
0-6754282-3	9.144 - 9.754	30.00 - 32.00	0.76	-	0.76	-
0-6754282-4	12.192 - 12.802	40.00 - 42.00	0.77	-	0.77	-
0-6754282-5	15.240 - 15.850	50.00 - 52.00	0.77	-	0.77	-
0-6754282-6	18.288 - 18.898	60.00 - 62.00	0.78	-	0.78	-
0-6754282-7	21.336 - 21.946	70.00 - 72.00	0.78	-	0.78	-
0-6754282-8	24.384 - 24.994	80.00 - 82.00	0.79	-	0.79	-
0-6754282-9	27.432 - 28.042	90.00 - 92.00	0.79	-	0.79	-
1-6754282-0	30.480 - 31.394	100.00 - 103.00	0.8	-	0.8	-
1-6754282-1	33.528 - 34.442	110.00 - 113.00	0.8	-	0.8	-
1-6754282-2	36.576 - 37.490	120.00 - 123.00	0.8	-	0.8	-
1-6754282-3	39.624 - 40.538	130.00 - 133.00	0.81	-	0.81	-
1-6754282-4	42.672 - 43.586	140.00 - 143.00	0.81	-	0.81	-
1-6754282-5	45.720 - 46.634	150.00 - 153.00	0.82	-	0.82	-
1-6754282-6	48.768 - 49.682	160.00 - 163.00	0.82	-	0.82	-
1-6754282-7	51.816 - 52.730	170.00 - 173.00	0.83	-	0.83	-
1-6754282-8	54.864 - 55.778	180.00 - 183.00	0.83	-	0.83	-
1-6754282-9	57.912 - 58.826	190.00 - 193.00	0.84	-	0.84	-
2-6754282-0	60.960 - 62.179	200.00 - 204.00	0.84	-	0.84	-
2-6754282-1	64.008 - 65.227	210.00 - 214.00	0.85	-	0.85	-
2-6754282-2	67.056 - 68.275	220.00 - 224.00	0.85	-	0.85	-
2-6754282-3	70.104 - 71.323	230.00 - 234.00	0.86	-	0.86	-
2-6754282-4	73.152 - 74.371	240.00 - 244.00	0.86	-	0.86	-
2-6754282-5	76.200 - 77.419	250.00 - 254.00	0.86	-	0.86	-
2-6754282-6	79.248 - 80.467	260.00 - 264.00	0.87	-	0.87	-
2-6754282-7	82.296 - 83.515	270.00 - 274.00	0.87	-	0.87	-
2-6754282-8	85.344 - 86.563	280.00 - 284.00	0.88	-	0.88	-
2-6754282-9	88.392 - 89.611	290.00 - 294.00	0.88	-	0.88	-
3-6754282-0	91.440 - 93.269	300.00 - 306.00	0.89	-	0.89	-
3-6754282-1	94.488 - 96.378	310.00 - 316.20	0.89	-	0.89	-
3-6754282-2	97.536 - 99.487	320.00 - 326.40	0.9	-	0.9	-
3-6754282-3	100.584 - 102.596	330.00 - 336.60	0.9	-	0.9	-
3-6754282-4	103.632 - 105.705	340.00 - 346.80	0.91	-	0.91	-
3-6754282-5	106.680 - 108.814	350.00 - 357.00	0.91	-	0.91	-
3-6754282-6	109.728 - 111.923	360.00 - 367.20	0.91	-	0.91	-
3-6754282-7	112.776 - 115.032	370.00 - 377.40	0.92	-	0.92	-
3-6754282-8	115.824 - 118.140	380.00 - 387.60	0.92	-	0.92	-
3-6754282-9	118.872 - 121.249	390.00 - 397.80	0.93	-	0.93	-
4-6754282-0	121.920 - 124.358	400.00 - 408.00	0.93	-	0.93	-
4-6754282-1	124.968 - 127.467	410.00 - 418.20	0.94	-	0.94	-
4-6754282-2	128.016 - 130.576	420.00 - 428.40	0.94	-	0.94	-
4-6754282-3	131.064 - 133.685	430.00 - 438.60	0.95	-	0.95	-
4-6754282-4	134.112 - 136.794	440.00 - 448.80	0.95	-	0.95	-

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 - Green	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

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LOC	DIST
CE	16

CAC Customer Layout Rev: D

P	LTR	REVISION RECORD	DATE	DWN	APVD
A		Rev Per EC# RELEASE	0/13/2006	-	MK

DIMENSIONS: meters

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0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -

Customer Print

DWN: Cable Assy Configurator
CHK: Michael Kepko
APVD: Michael Kepko
MATERIAL: -
HEAT TREAT: -

Tyco Electronics, Inc.
Harrisburg, PA 17105-3608

NAME: FO C/A - 24 fiber, 50/125, OFNR-OFNP, MPO SECURE (No Pins) to MPO SECURE (No Pins)

SCALE	SIZE	DRAWING NO	SHEET	REV
NTS	A2	C- 6754282	3 of 5	A

8 7 6 5 4 3 2 1

D C B A

Restricted to: General Release

Part #	L (meters)	L (feet)	MPO SECURE (No Pins), Green IL (dB)	MPO SECURE (No Pins), Green RL (dB)	MPO SECURE (No Pins), Green IL (dB)	MPO SECURE (No Pins), Green RL (dB)
4-6754282-5	137.160 - 139.903	450.00 - 459.00	0.96	-	0.96	-
4-6754282-6	140.208 - 143.012	460.00 - 469.20	0.96	-	0.96	-
4-6754282-7	143.256 - 146.121	470.00 - 479.40	0.96	-	0.96	-
4-6754282-8	146.304 - 149.230	480.00 - 489.60	0.97	-	0.97	-
4-6754282-9	149.352 - 152.339	490.00 - 499.80	0.97	-	0.97	-
5-6754282-0	152.400 - 155.448	500.00 - 510.00	0.98	-	0.98	-
5-6754282-1	160.020 - 163.220	525.00 - 535.50	0.99	-	0.99	-
5-6754282-2	167.640 - 170.993	550.00 - 561.00	1	-	1	-
5-6754282-3	175.260 - 178.765	575.00 - 586.50	1.01	-	1.01	-
5-6754282-4	182.880 - 186.538	600.00 - 612.00	1.02	-	1.02	-
5-6754282-5	190.500 - 194.310	625.00 - 637.50	1.04	-	1.04	-
5-6754282-6	198.120 - 202.082	650.00 - 663.00	1.05	-	1.05	-
5-6754282-7	205.740 - 209.855	675.00 - 688.50	1.06	-	1.06	-
5-6754282-8	213.360 - 217.627	700.00 - 714.00	1.07	-	1.07	-
5-6754282-9	220.980 - 225.400	725.00 - 739.50	1.08	-	1.08	-
6-6754282-0	228.600 - 233.172	750.00 - 765.00	1.09	-	1.09	-
6-6754282-1	236.220 - 240.944	775.00 - 790.50	1.1	-	1.1	-
6-6754282-2	243.840 - 248.717	800.00 - 816.00	1.12	-	1.12	-
6-6754282-3	251.460 - 256.489	825.00 - 841.50	1.13	-	1.13	-
6-6754282-4	259.080 - 264.262	850.00 - 867.00	1.14	-	1.14	-
6-6754282-5	266.700 - 272.034	875.00 - 892.50	1.15	-	1.15	-
6-6754282-6	274.320 - 279.806	900.00 - 918.00	1.16	-	1.16	-
6-6754282-7	281.940 - 287.579	925.00 - 943.50	1.17	-	1.17	-
6-6754282-8	289.560 - 295.351	950.00 - 969.00	1.18	-	1.18	-
6-6754282-9	297.180 - 303.124	975.00 - 994.50	1.2	-	1.2	-
7-6754282-0	304.800 - 310.896	1000.00 - 1020.00	1.21	-	1.21	-

USED ON

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LOC CE

DIST 16

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CHK Michael Kepko

APVD Michael Kepko

MATERIAL -

HEAT TREAT -

AMP Tyco Electronics, Inc. Harrisburg, PA 17105-3608

NAME FO C/A - 24 fiber, 50/125, OFNR-OFNP, MPO SECURE (No Pins) to MPO SECURE (No Pins)

SCALE NTS | SIZE A2 | DRAWING NO C- 6754282 | SHEET 4 of 5 | REV A

CAC Customer Layout Rev: D

8 7 6 5 4 3 2 1

D C B A

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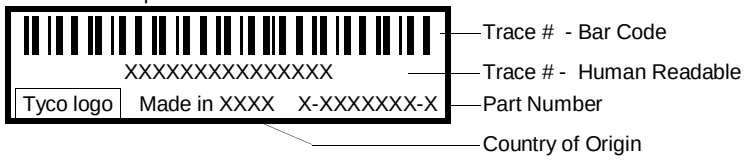
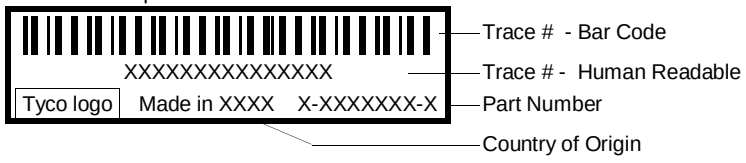
Label 1 Per specification 107-1645-1



This label is used on all lengths on this drawing.

Label 2 Per specification 107-1645-1



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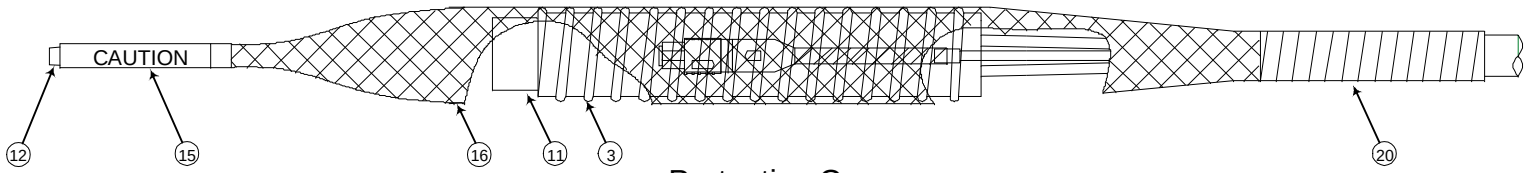
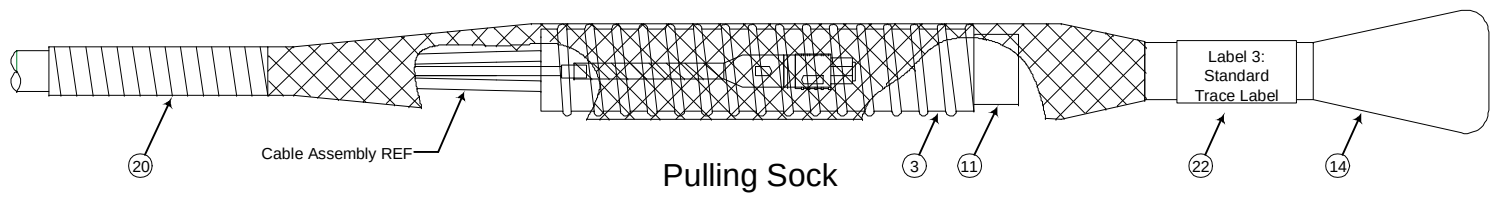


Protective Cover
Bottom End



Pulling Sock
Top End

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CHK Michael Kepko	AMP Tyco Electronics, Inc. Harrisburg, PA 17105-3608		
APVD Michael Kepko			
NAME FO C/A - 24 fiber, 50/125, OFNR-OFNP, MPO SECURE (No Pins) to MPO SECURE (No Pins)			
SCALE NTS	SIZE A2	DRAWING NO C- 6754282	SHEET 5 of 5	REV A

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8 7 6 5 4 3 2 1

D C B A