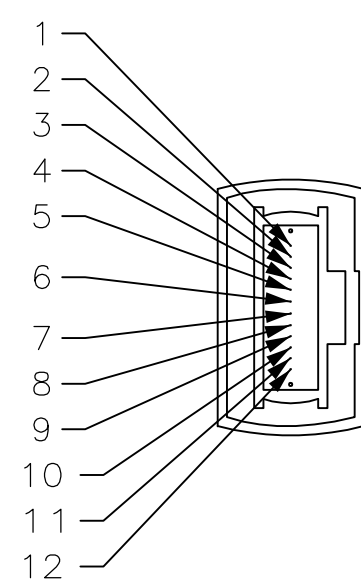
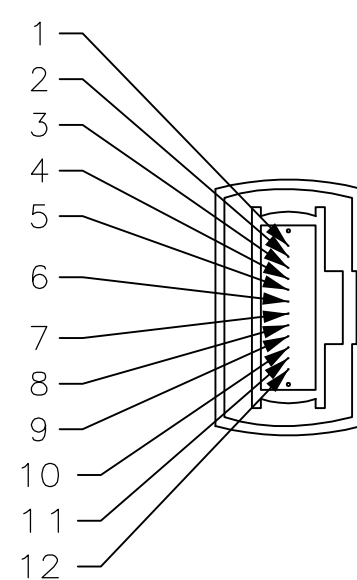


PAIRS FLIPPED

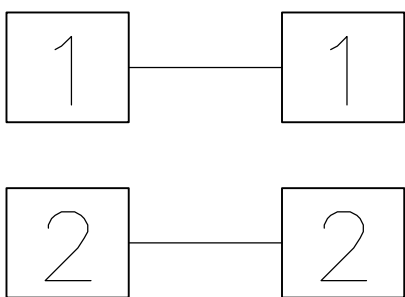


| FIBER # | COLOR |
|---------|--------|
| 1 | BLUE |
| 2 | ORANGE |
| 3 | GREEN |
| 4 | BROWN |
| 5 | SLATE |
| 6 | WHITE |
| 7 | RED |
| 8 | BLACK |
| 9 | YELLOW |
| 10 | VIOLET |
| 11 | ROSE |
| 12 | AQUA |



| FIBER # | COLOR |
|---------|--------|
| 1 | ORANGE |
| 2 | BLUE |
| 3 | BROWN |
| 4 | GREEN |
| 5 | WHITE |
| 6 | SLATE |
| 7 | BLACK |
| 8 | RED |
| 9 | VIOLET |
| 10 | YELLOW |
| 11 | AQUA |
| 12 | ROSE |

LIGHTRAY CONNECTOR FIBER PATH



VIEW A-A
NOT TO SCALE

VIEW B-B
NOT TO SCALE

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| | | | | | | |
|------------------|---|-------------------------|-----------|-----------------|---------------------|---------------|
| DIMENSIONS: | TOLERANCES, UNLESS OTHERWISE SPECIFIED: | DWN KATHY HE 05JAN07 | | TE Connectivity | | |
| mm | | CHK D. FENNELL 05JAN07 | | | | |
| | | APVD D. FENNELL 05JAN07 | | | | |
| | | PRODUCT SPEC | | | | |
| | | APPLICATION SPEC | | | | |
| MATERIAL | FINISH | WEIGHT | SIZE A2 | CAGE CODE 00779 | DRAWING NO. 1985009 | RESTRICTED TO |
| CUSTOMER DRAWING | | | SCALE NTS | | SHEET 1 of 4 | REV A2 |

4

3

2

1

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LOC

DIST

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

CE

16

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SEE SHEET 1

-

-

-

| PART NUMBER | L (FEET) | CONNECTOR LOSS (dB) |
|-------------|---------------|---------------------|
| 1985009-1 | 10.00-11.00 | 0.75 |
| 1985009-2 | 20.00-22.00 | 0.76 |
| 1985009-3 | 30.00-32.00 | 0.76 |
| 1985009-4 | 40.00-42.00 | 0.77 |
| 1985009-5 | 50.00-52.00 | 0.77 |
| 1985009-6 | 60.00-62.00 | 0.78 |
| 1985009-7 | 70.00-72.00 | 0.78 |
| 1985009-8 | 80.00-82.00 | 0.79 |
| 1985009-9 | 90.00-92.00 | 0.79 |
| 1-1985009-0 | 100.00-103.00 | 0.80 |
| 1-1985009-1 | 110.00-113.00 | 0.80 |
| 1-1985009-2 | 120.00-123.00 | 0.80 |
| 1-1985009-3 | 130.00-133.00 | 0.81 |
| 1-1985009-4 | 140.00-143.00 | 0.81 |
| 1-1985009-5 | 150.00-153.00 | 0.82 |
| 1-1985009-6 | 160.00-163.00 | 0.82 |
| 1-1985009-7 | 170.00-173.00 | 0.83 |
| 1-1985009-8 | 180.00-183.00 | 0.83 |
| 1-1985009-9 | 190.00-193.00 | 0.84 |
| 2-1985009-0 | 200.00-204.00 | 0.84 |
| 2-1985009-1 | 210.00-214.00 | 0.85 |
| 2-1985009-2 | 220.00-224.00 | 0.85 |
| 2-1985009-3 | 230.00-234.00 | 0.86 |
| 2-1985009-4 | 240.00-244.00 | 0.86 |
| 2-1985009-5 | 250.00-254.00 | 0.86 |
| 2-1985009-6 | 260.00-264.00 | 0.87 |
| 2-1985009-7 | 270.00-274.00 | 0.87 |
| 2-1985009-8 | 280.00-284.00 | 0.88 |
| 2-1985009-9 | 290.00-294.00 | 0.88 |
| 3-1985009-0 | 300.00-306.00 | 0.89 |
| 3-1985009-1 | 310.00-316.20 | 0.89 |
| 3-1985009-2 | 320.00-326.40 | 0.90 |
| 3-1985009-3 | 330.00-336.60 | 0.90 |
| 3-1985009-4 | 340.00-346.80 | 0.91 |
| 3-1985009-5 | 350.00-357.00 | 0.91 |
| 3-1985009-6 | 360.00-367.20 | 0.91 |
| 3-1985009-7 | 370.00-377.40 | 0.92 |
| 3-1985009-8 | 380.00-387.60 | 0.92 |
| 3-1985009-9 | 390.00-397.80 | 0.93 |
| 4-1985009-0 | 400.00-408.00 | 0.93 |
| 4-1985009-1 | 410.00-418.20 | 0.94 |
| 4-1985009-2 | 420.00-428.40 | 0.94 |
| 4-1985009-3 | 430.00-438.60 | 0.95 |
| 4-1985009-4 | 440.00-448.80 | 0.95 |
| 4-1985009-5 | 450.00-459.00 | 0.96 |
| 4-1985009-6 | 460.00-469.20 | 0.96 |
| 4-1985009-7 | 470.00-479.40 | 0.96 |
| 4-1985009-8 | 480.00-489.60 | 0.97 |
| 4-1985009-9 | 490.00-499.80 | 0.97 |
| 5-1985009-0 | 500.00-510.00 | 0.98 |

1. CABLE ASSEMBLY END FACE TO MEET AMP SPECIFICATION 101-46.

2 WHITE MARK ON CONNECTOR BODY INDICATES FIBER 1 SIDE.

3 SHOWN ON SHEET 4. PULLING SOCK AND PROTECTIVE COVER WILL BE INSTALLED AFTER TESTING.

4. PACKAGED/COILED TO UNREEL WITH PULLING SOCK END FIRST.

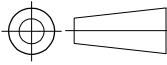
5 CONNECTOR LOSS IS EQUAL TO 0.75dB PLUS CABLE ATTENUATION.

6. A COPY OF THE TEST DATA IS PLACED INSIDE OR WITH THE UNIT PACKAGE

7. PRODUCT AND PROCESSING MUST MEET REQUIREMENTS OF TYCO ELECTRONICS STANDARD 230-702.

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DIMENSIONS: mm



MATERIAL -

FINISH -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

PRODUCT SPEC -
APPLICATION SPEC -
WEIGHT -

CUSTOMER DRAWING

DWN KATHY HE 05JAN07
CHK D. FENNELL 05JAN07
APVD D. FENNELL 05JAN07

NAME CABLE ASSEMBLY, FIBER OPTIC, 50/125um, 24 FIBER, YELLOW ALUMINUM ARMOR, OFCP, PAIRS FLIPPED, MPO TO MPO

SIZE A2 CAGE CODE 00779 DRAWING NO C=1985009 RESTRICTED TO

SCALE NTS SHEET 2 OF 4 REV A2

TE Connectivity

CABLE ASSEMBLY, FIBER OPTIC, 50/125um, 24 FIBER, YELLOW ALUMINUM ARMOR, OFCP, PAIRS FLIPPED, MPO TO MPO

1985009

B

A

1471-9 (3/11)

4

3

2

1

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16

| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|-----|-------------|------|-----|------|
| | - | SEE SHEET 1 | - | - | - |

| PART NUMBER | L (FEET) | CONNECTOR LOSS (dB) |
|-------------|-----------------|---------------------|
| 5-1985009-1 | 525.00-535.50 | 0.99 |
| 5-1985009-2 | 550.00-561.00 | 1.00 |
| 5-1985009-3 | 575.00-586.50 | 1.01 |
| 5-1985009-4 | 600.00-612.00 | 1.02 |
| 5-1985009-5 | 625.00-637.50 | 1.04 |
| 5-1985009-6 | 650.00-663.00 | 1.05 |
| 5-1985009-7 | 675.00-688.50 | 1.06 |
| 5-1985009-8 | 700.00-714.00 | 1.07 |
| 5-1985009-9 | 725.00-739.50 | 1.08 |
| 6-1985009-0 | 750.00-765.00 | 1.09 |
| 6-1985009-1 | 775.00-790.50 | 1.10 |
| 6-1985009-2 | 800.00-816.00 | 1.12 |
| 6-1985009-3 | 825.00-841.50 | 1.13 |
| 6-1985009-4 | 850.00-867.00 | 1.14 |
| 6-1985009-5 | 875.00-892.50 | 1.15 |
| 6-1985009-6 | 900.00-918.00 | 1.16 |
| 6-1985009-7 | 925.00-943.50 | 1.17 |
| 6-1985009-8 | 950.00-969.00 | 1.18 |
| 6-1985009-9 | 975.00-994.50 | 1.20 |
| 7-1985009-0 | 100.00-1020.00 | 1.21 |
| 7-1985009-1 | 1400.00-1428.00 | 1.39 |
| 7-1985009-2 | 1200.00-1224.00 | 1.30 |

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DWN

KATHY HE

05JAN07

CHK

D. FENNELL

05JAN07

APVD

D. FENNELL

05JAN07

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

DIMENSIONS:

mm

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

MATERIAL

FINISH

TE Connectivity

NAME

CABLE ASSEMBLY, FIBER OPTIC, 50/125um, 24 FIBER, YELLOW ALUMINUM ARMOR, OFCP, PAIRS FLIPPED, MPO TO MPO

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE

SHEET

REV

A2

00779

C=1985009

NTS

3 OF 4

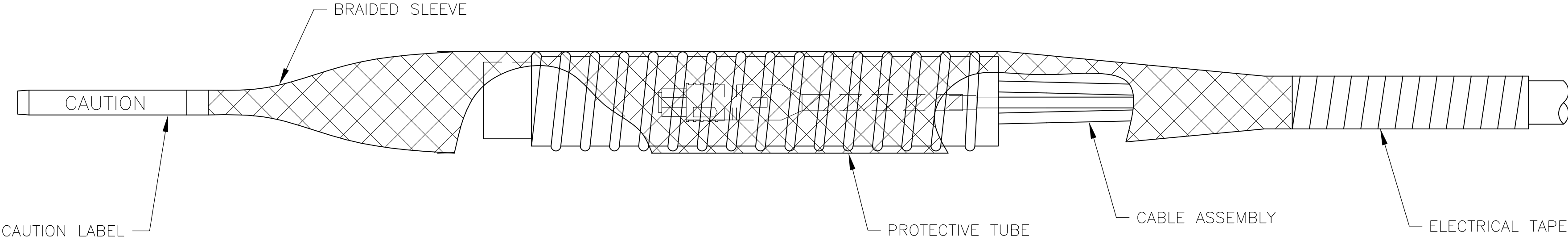
A2

1985009

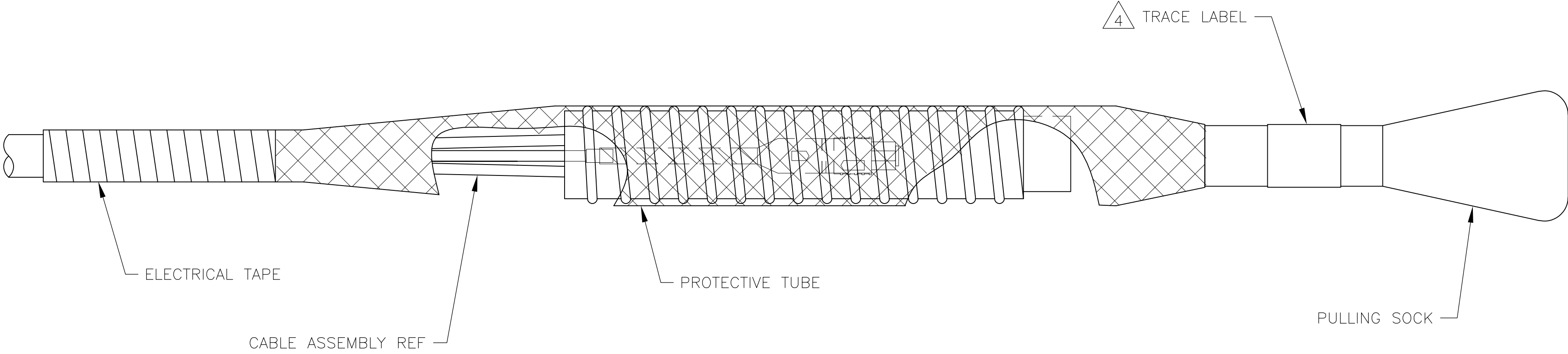
B

A


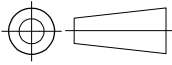
1471-9 (3/11)



3 PROTECTIVE COVER
BOTTOM END



3 PULLING SOCK
TOP END

| | | | | | |
|---|--|--------------------|---------|---|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN KATHY HE | 05JAN07 |  TE Connectivity | |
| DIMENSIONS: mm | | CHK D. FENNELL | 05JAN07 | | |
|  | | APVD D. FENNELL | 05JAN07 | NAME CABLE ASSEMBLY, FIBER OPTIC, 50/125um, 24 FIBER, YELLOW ALUMINUM ARMOR, OFCP, PAIRS FLIPPED, MPO TO MPO | |
| | | PRODUCT SPEC — | | SIZE A2 | CAGE CODE 00779 |
| MATERIAL — | | FINISH — | | DRAWING NO C=1985009 | RESTRICTED TO |
| | | WEIGHT — | | SCALE NTS | SHEET 4 OF 4 |
| | | CUSTOMER DRAWING | | REV A2 | |

Mouser Electronics

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