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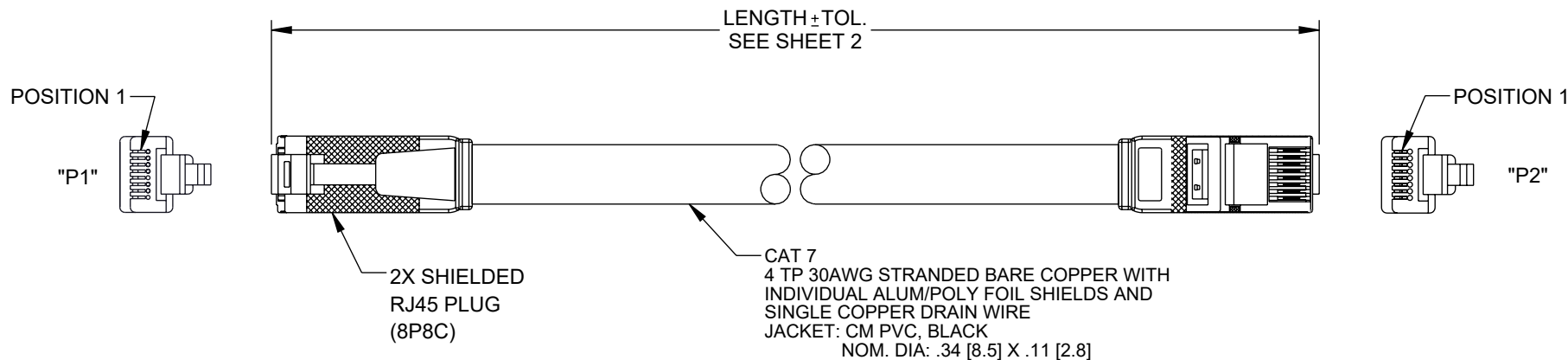
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| REVISION |     |             |           |            |            |
|----------|-----|-------------|-----------|------------|------------|
| ZONE     | REV | DESCRIPTION | DATE      | CHANGED BY | APPROVED   |
|          | B   | ECO-14180   | 1/28/2025 | DMAY       | GUTTADAURO |

**NOTES:****PHYSICAL CHARACTERISTICS:**

- CABLE TYPE: CAT7 U/FTP
- TEMPERATURE RATING:
  - INSTALLATION: 0°C~50°C
  - OPERATION: -20°C~60°C
- VOLTAGE RATING: 30V

**MECHANICAL CHARACTERISTICS:**

- CONTACT MATERIAL: COPPER ALLOY, 50U" GOLD PLATING

**ELECTRICAL CHARACTERISTICS:**

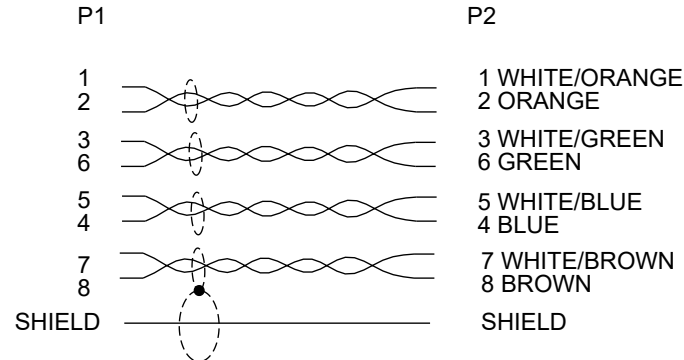
- CONDUCTOR DC RESISTANCE: 38.5Ω/100M (MAXIMUM)
- IMPEDANCE: 100Ω
- CAPACITANCE: 5600pf/100M
- PROPAGATION DELAY: 545ns/100M (MAXIMUM)
- DELAY SKEW: 45ns/100M (MAXIMUM)
- PASS FLUKE DSX 8000 CHANNEL TEST (5% TEST)
- BANDWIDTH: 600MHz

**MISCELLANEOUS:**

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

**REGULATORY COMPLIANCE:**

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

**WIRING MAP**

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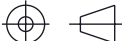
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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| UNLESS OTHERWISE SPECIFIED<br>LEADING DIMENSIONS ARE INCHES<br>DIMENSIONS IN [ ] ARE MILLIMETERS                                                                                                              |  | <div>L-com®</div> <div>an INFINIT@ brand</div> <div>Website: <a href="http://www.L-com.com">www.L-com.com</a></div> <div>Phone: 1.800.341.5266   1.978.682.6936</div> |                    | <div></div> <div>INTERPRET ALL DIMENSIONS AND<br/>TOLERANCES PER ASME Y14.5</div> |                        |
| TOLERANCES:<br><div>X = ±.2 [5]      FRACTIONS<br/>XX = ±.02 [0.5]      ± 1/32<br/>XXX = ±.005 [0.13]      ANGLES ± 1°</div>                                                                                  |  |                                                                                                                                                                       |                    | SCALE<br>NONE                                                                                                                                                          | SHEET<br>1 OF 2        |
| CABLE LENGTH TOLERANCES:<br>≤12 [305] = +1 [25] / -0<br>>12 [305] ≤ 60 [1524] = +2 [51] / -0<br>>60 [1524] ≤ 120 [3048] = +4 [102] / -0<br>>120 [3048] ≤ 300 [7620] = +6 [152] / -0<br>>300 [7620] = +5% / -0 |  | DESCRIPTION<br><div>C7 FLAT U/FTP 30AWG CM PVC</div>                                                                                                                  |                    |                                                                                                                                                                        |                        |
| ALL DIMENSIONS ARE FOR REFERENCE ONLY<br>AND SUBJECT TO CHANGE WITHOUT NOTICE.<br>UN-DIMENSIONED/NON-CRITICAL FEATURES<br>MAY VARY IN SIZE AND LOCATION<br>COLORS MAY VARY                                    |  | SIZE<br>A                                                                                                                                                             | CAGE CODE<br>43321 | DRAWN BY<br>DFRISIELLO                                                                                                                                                 | ITEM NO.<br>TRD730FLAT |
|                                                                                                                                                                                                               |  |                                                                                                                                                                       |                    |                                                                                                                                                                        | REV<br>B               |

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| PART NUMBER        | COLOR | LENGTH<br>FEET [METERS] | TOLERANCE<br>INCH [mm] |
|--------------------|-------|-------------------------|------------------------|
| TRD730FLAT-BLK-05F | BLACK | 0.5 [0.15]              | +1.38/- .59 [+35/-15]  |
| TRD730FLAT-BLK-1F  | BLACK | 1.0 [0.30]              | +1.38/- .59 [+35/-15]  |
| TRD730FLAT-BLK-3F  | BLACK | 3.0 [0.91]              | +1.38/- .59 [+35/-15]  |
| TRD730FLAT-BLK-5F  | BLACK | 5.0 [1.52]              | +1.38/- .79 [+35/-20]  |
| TRD730FLAT-BLK-7F  | BLACK | 7.0 [2.13]              | +1.38/-1.18 [+35/-30]  |
| TRD730FLAT-BLK-10F | BLACK | 10.0 [3.04]             | +1.38/-1.18 [+35/-30]  |
| TRD730FLAT-BLK-15F | BLACK | 15.0 [4.57]             | +1.38/-1.18 [+35/-30]  |
| TRD730FLAT-BLK-25F | BLACK | 25.0 [7.62]             | ± 2.36[ 60]            |
| TRD730FLAT-BLK-35F | BLACK | 35.0 [9.14]             | ± 3.15 [80]            |
| TRD730FLAT-BLK-50F | BLACK | 50.0 [15.24]            | ± 3.15 [80]            |
| TRD730FLAT-BLK-65F | BLACK | 65.0 [19.81]            | ± 3.15 [80]            |

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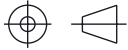
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UN-DIMENSIONED/NON-CRITICAL FEATURES  
MAY VARY IN SIZE AND LOCATION  
COLORS MAY VARY

|                                                                                                                                                                                                                          |           |            |                                                                                                                                                    |        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------|
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| DESCRIPTION                                                                                                                                                                                                              |           |            | SCALE                                                                                                                                              | SHEET  |
| C7 FLAT U/FTP 30AWG CM PVC                                                                                                                                                                                               |           |            | NONE                                                                                                                                               | 2 OF 2 |
| SIZE                                                                                                                                                                                                                     | CAGE CODE | DRAWN BY   | ITEM NO.                                                                                                                                           | REV    |
| A                                                                                                                                                                                                                        | 43321     | DFRISIELLO | TRD730FLAT                                                                                                                                         | B      |