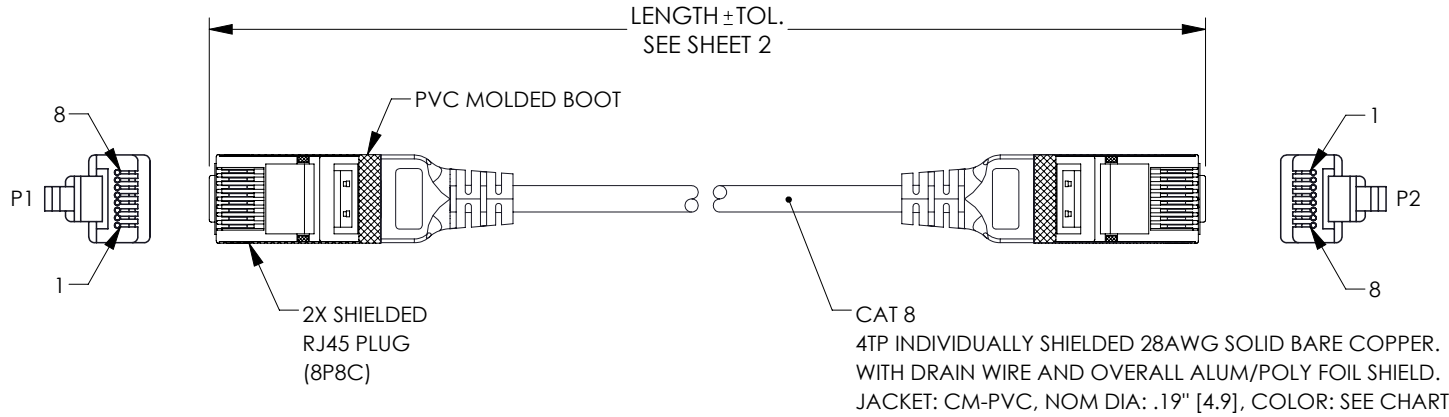


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| REVISIONS | | | |
|-----------|-----------------|----------|------------|
| REV | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 02/23/22 | GUTTADAURO |
| | | | |
| | | | |



NOTES:

PHYSICAL CHARACTERISTICS:

- CABLE TYPE: CAT8 F/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: 9.53Ω/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: 2000MHZ

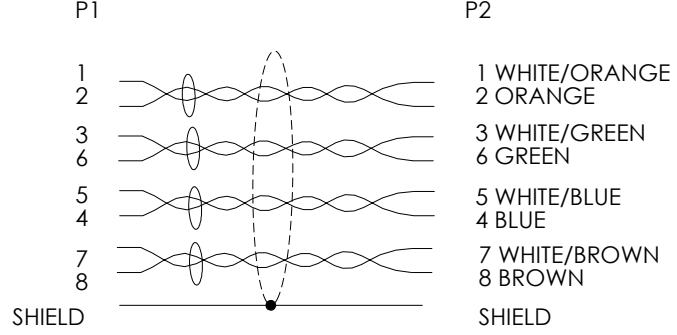
MISCELLANEOUS:


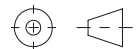
- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY TO BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)


WIRING MAP



| | | | |
|--|--|--|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] | APPROVALS | DATE |  50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936 |
| | OVERALL CABLE LENGTH TOLERANCES: ≤12 [305] = +1 [25] / -0 >12 [305] ≤60 [1524] = +2 [51] / -0 >60 [1524] ≤120 [3048] = +4 [102] / -0 >120 [3048] ≤300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0 | DRAWN BY VTHANGARAJ | |
| ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [.5] ANGLES ± 1° .XXX = ± .005 [1.3] | CHECKED BY DFRISIELLO | 02/23/22 | CATEGORY TELECOM/MODULAR |
| | APPROVED BY GUTTADAURO | 02/23/22 | |
| THIRD-ANGLE PROJECTION  | CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY | PRODUCT DESCRIPTION Category 8 25 to 40gig Flat Ethernet Cable Assembly | |
| COLOR VARIATIONS MAY OCCUR | SIZE A | CAGE CODE 43321 | DWG. NO. TRD828 |
| SCALE: NONE | | CAD FILE: TRD828.SLDDRW | |
| SHEET 1 OF 2 | | | REV. A |

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| PART NUMBER | COLOR | LENGTH FEET [METERS] | TOLERANCE INCH [mm] |
|----------------|-------|----------------------|-----------------------|
| TRD828-BLU-05F | BLUE | 0.5 [0.15] | +1.38/-.59 [+35/-15] |
| TRD828-BLU-1F | BLUE | 1.0 [0.30] | +1.38/-.59 [+35/-15] |
| TRD828-BLU-3F | BLUE | 3.0 [0.91] | +1.38/-.59 [+35/-15] |
| TRD828-BLU-5F | BLUE | 5.0 [1.52] | +1.38/-.79 [+35/-20] |
| TRD828-BLU-7F | BLUE | 7.0 [2.13] | +1.38/-1.18 [+35/-30] |
| TRD828-BLU-10F | BLUE | 10.0 [3.04] | +1.38/-1.18 [+35/-30] |
| TRD828-BLU-15F | BLUE | 15.0 [4.57] | +1.38/-1.18 [+35/-30] |
| TRD828-BLU-20F | BLUE | 20.0 [6.09] | ± 2.36[60] |

| | | | |
|---|---------------------------|---|------------------|
|  | | 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936 | |
| CATEGORY <p style="text-align: center;">TELECOM/MODULAR</p> | | | |
| PRODUCT DESCRIPTION <p style="text-align: center;">Category 8 25 to 40gig Flat Ethernet Cable Assembly</p> | | | |
| SIZE A | CAGE CODE 43321 | ITEM NO. TRD828 | REV. A |
| SCALE: NONE | | CAD FILE: TRD828.SLDDRW | |
| | | | SHEET 2 OF 2 |