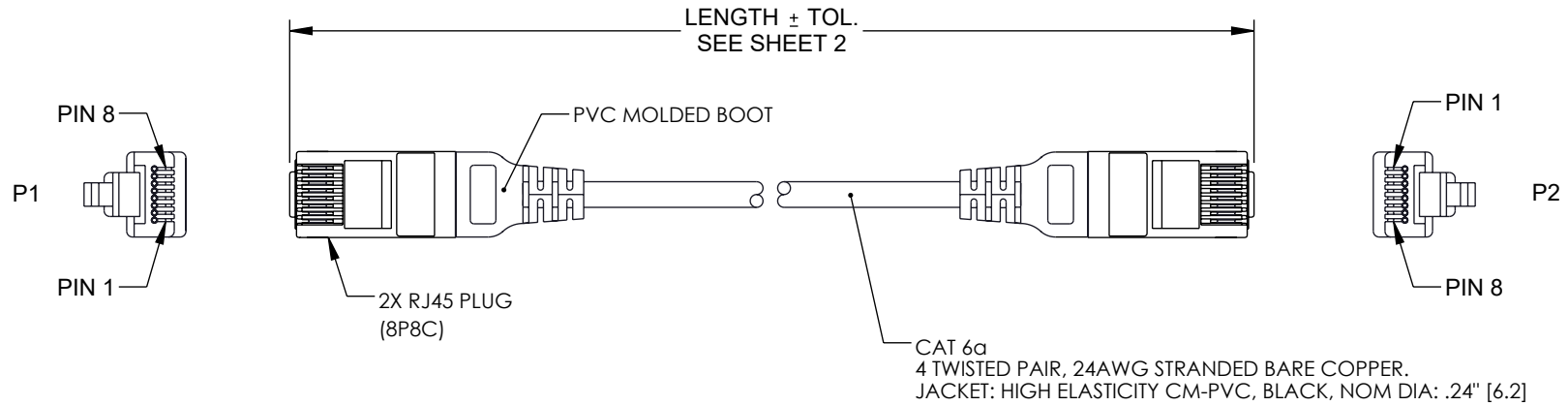


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| REVISION | | | | | |
|----------|-----|-------------|------------|------------|------------|
| ZONE | REV | DESCRIPTION | DATE | CHANGED BY | APPROVED |
| | B | ECO-12885 | 08/04/2023 | DMAY | GUTTADAURO |



NOTES:

PHYSICAL CHARACTERISTICS:

- CABLE TYPE: CAT6a UTP
- 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: 9.58Ω/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: 500MHZ

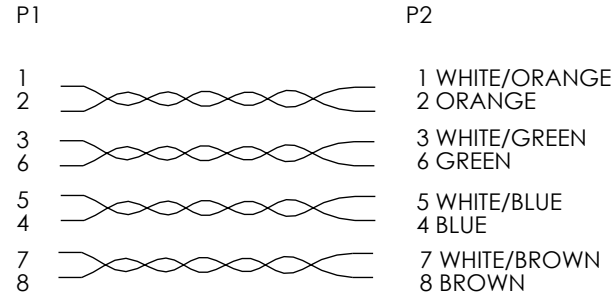
MISCELLANEOUS:

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY TO BE INDIVIDUALLY PACKAGED.

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)


WIRING MAP



| | | | |
|--|--|--|--|
| UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤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 ALL OTHER DIMENSIONAL TOLERANCES: .X = ± .2 [5] FRACTIONS ± 1/32 .XX = ± .02 [.5] ANGLES ± 1° .XXX = ± .005 [.13] | APPROVALS DRAWN BY DFRISIELLO CHECKED BY DGUST APPROVED BY GUTTADAURO | DATE 03/02/2022 03/02/2022 03/02/2022 | an INFINITO brand 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936 |
| | CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY COLOR VARIATIONS MAY OCCUR | CATEGORY TELECOM/MODULAR | PRODUCT DESCRIPTION C6a TangleFree Flexible UTP 24AWG CM PVC |
| THIRD-ANGLE PROJECTION | SIZE A | CAGE CODE 43321 | ITEM NO. TRD624AUF REV. B |

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| PART NUMBER | COLOR | LENGTH FEET [METERS] | TOLERANCE INCH [mm] |
|-------------------|-------|-------------------------|------------------------|
| TRD624AUF-BLK-05F | BLACK | 0.5 [0.15] | +1.38/-.59 [+35/-15] |
| TRD624AUF-BLK-1F | BLACK | 1.0 [0.30] | +1.38/-.59 [+35/-15] |
| TRD624AUF-BLK-2F | BLACK | 2.0 [0.61] | +1.38/-.59 [+35/-15] |
| TRD624AUF-BLK-3F | BLACK | 3.0 [0.91] | +1.38/-.59 [+35/-15] |
| TRD624AUF-BLK-5F | BLACK | 5.0 [1.52] | +1.38/-.79 [+35/-20] |
| TRD624AUF-BLK-7F | BLACK | 7.0 [2.13] | +1.38/-1.18 [+35/-30] |
| TRD624AUF-BLK-10F | BLACK | 10.0 [3.04] | +1.38/-1.18 [+35/-30] |
| TRD624AUF-BLK-15F | BLACK | 15.0 [4.57] | +1.38/-1.18 [+35/-30] |
| TRD624AUF-BLK-20F | BLACK | 20.0 [6.09] | ± 2.36 [60] |
| TRD624AUF-BLK-25F | BLACK | 25.0 [7.62] | ± 2.36 [60] |
| TRD624AUF-BLK-30F | BLACK | 30.0 [9.14] | ± 2.36 [60] |
| TRD624AUF-BLK-40F | BLACK | 40.0 [12.19] | ± 3.15 [80] |
| TRD624AUF-BLK-50F | BLACK | 50.0 [15.24] | ± 3.15 [80] |
| TRD624AUF-BLK-65F | BLACK | 65.0 [19.81] | ± 3.15 [80] |

| | | | |
|---|---------------------------|---|------------------|
|  | | 50 High Street, West Mill, North Andover, MA 01845 USA. Phone: 1.800.341.5266 1.978.682.6936 | |
| CATEGORY TELECOM/MODULAR | | | |
| PRODUCT DESCRIPTION C6a TangleFree Flexible UTP 24AWG CM PVC | | | |
| SIZE A | CAGE CODE 43321 | ITEM NO. TRD624AUF | REV. B |
| SCALE: NONE | | CAD FILE: TRD624AUF.SLDDRW | |
| | | | SHEET 2 OF 2 |