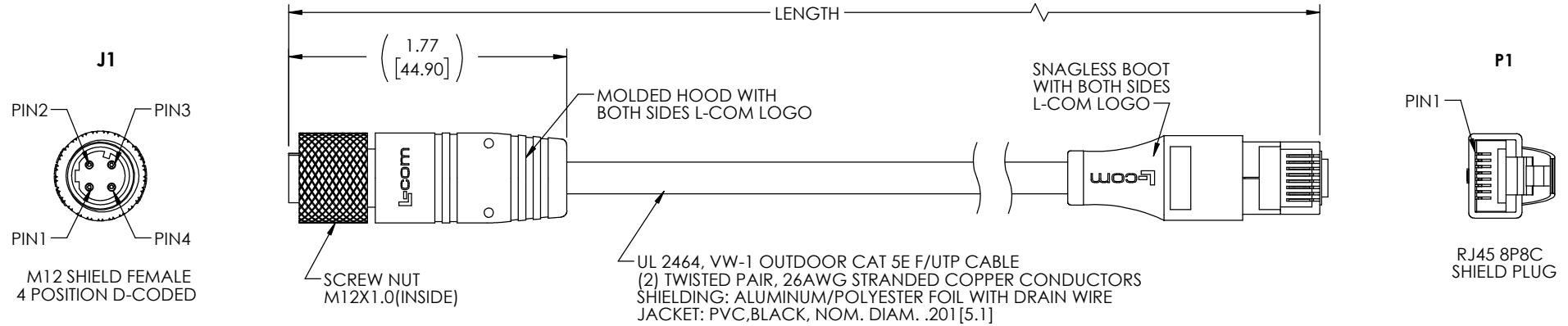


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| REVISIONS |                 |            |            |
|-----------|-----------------|------------|------------|
| REV       | DESCRIPTION     | DATE       | APPROVED   |
| A         | INITIAL RELEASE | 01/19/2023 | GUTTADAURO |
|           |                 |            |            |
|           |                 |            |            |



#### NOTES

##### MATERIAL:

MOLDED HOOD: PVC, BLACK,UV RESISTANCE  
M12 INSULATOR: NYLON, BLACK  
M12 SHELL/SCREW NUT: BRASS, NICKEL PLATE  
M12 CONTACTS: PHOSPHOR BRONZE, 15μ" MIN. GOLD PLATE  
SNAGLESS BOOT: LOW SMOKE ZERO HALOGEN, BLACK  
RJ45 HOUSING: POLYCARBONATE, CLEAR UL94 V-0  
RJ45 SHIELD/STRAIN RELIEF: BRASS, NICKEL PLATE  
RJ45 CONTACTS: PHOSPHOR BRONZE, 50μ" MIN. GOLD PLATE  
IN CONTACT AREA OVER NICKEL PLATE OVERALL

##### ELECTRICAL:

VOLTAGE RATING: 125 VAC/VDC  
CURRENT RATING: 1.5A

##### APPLICATION:

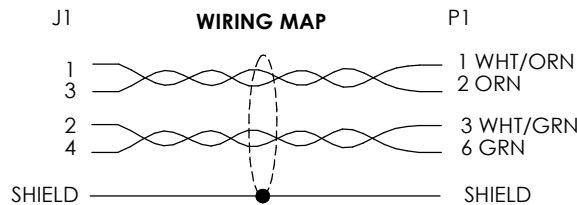
INGRESS PROTECTION RATING IS IP67 (P1 ONLY).

##### ENVIRONMENTAL:

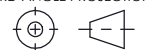
OPERATING TEMPERATURE RANGE: -20°C TO +80°C  
CABLE JACKET: UV RESISTANCE

##### MISCELLANEOUS

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



| PART NUMBER    | LENGTH |       |
|----------------|--------|-------|
|                | METERS | FEET  |
| TRG506-C6B-05M | 0.5    | 1.64  |
| TRG506-C6B-1M  | 1.0    | 3.28  |
| TRG506-C6B-2M  | 2.0    | 6.56  |
| TRG506-C6B-3M  | 3.0    | 9.84  |
| TRG506-C6B-5M  | 5.0    | 16.41 |
| TRG506-C6B-10M | 10.0   | 32.81 |
| TRG506-C6B-15M | 15.0   | 49.22 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                |                            |                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UNLESS OTHERWISE SPECIFIED,<br>DIMENSIONS ARE IN INCHES [mm]<br><br>OVERALL CABLE LENGTH TOLERANCE:<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<br><br>ALL OTHER DIMENSIONAL TOLERANCES:<br>.X = ± .2 [5]      FRACTIONS ± 1/32<br>.XX = ± .02 [.5]      ANGLES ± 1°<br>.XXX = ± .005 [.13] | APPROVALS                                                      | DATE                       | <br>an INFINITI® brand<br><br>50 High Street, West Mill,<br>North Andover, MA 01845 USA.<br>Phone: 1.800.341.5266<br>1.978.682.6936 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   | DRAWN BY<br>BZHANG                                             | 10/10/22                   |                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   | CHECKED BY<br>DFRISIELLO                                       | 10/10/22                   |                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   | APPROVED BY<br>GUITADAURO                                      | 10/10/22                   |                                                                                                                                                                                                                          |
| <div>THIRD-ANGLE PROJECTION</div>                                                                                                                                                                                                                                                                                                            | CONFIGURATION DETAILS OF<br>UNDIMENSIONED FEATURES<br>MAY VARY |                            | CATEGORY<br><br>TELECOM/MODULAR                                                                                                                                                                                          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   | COLOR VARIATIONS<br>MAY OCCUR                                  |                            | PRODUCT DESCRIPTION<br>Cat5e M124D F/RJ45<br>F/UTP 26AWG OD PVC BLK                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   | SIZE<br>A                                                      | CAGE CODE<br>43321         | DWG. NO.<br>TRG506-C6B                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   | SCALE: NONE                                                    | CAD FILE: TRG506-C6B.SLDRW | REV.<br>A                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                |                            | SHEET 1 OF 1                                                                                                                                                                                                             |