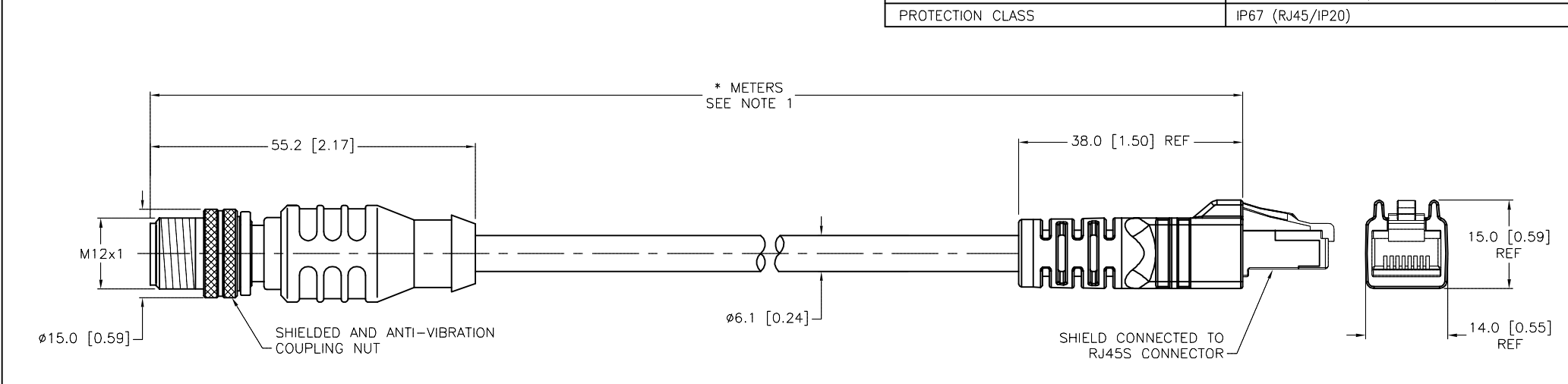


| SPECIFICATIONS                        |                                    |
|---------------------------------------|------------------------------------|
| CONTACT CARRIER MATERIAL/COLOR (RJ45) | POLYCARBONATE/CLEAR                |
| MOLDED HEAD MATERIAL/COLOR (RJ45)     | TPU/BLACK                          |
| CONTACT MATERIAL/PLATING (RJ45)       | BRONZE/GOLD                        |
| CONTACT CARRIER MATERIAL/COLOR (RSSD) | TPU/BLACK                          |
| MOLDED HEAD MATERIAL/COLOR (RSSD)     | TPU/BLUE-GRAY                      |
| CONTACT MATERIAL/PLATING (RSSD)       | BRASS/GOLD                         |
| COUPLING NUT MATERIAL/PLATING (RSSD)  | BRASS/NICKEL                       |
| RATED CURRENT [A]                     | 1.5 A                              |
| RATED VOLTAGE [V]                     | 42 V                               |
| OUTER CABLE JACKET MATERIAL/COLOR     | TPE/TEAL                           |
| CONDUCTOR INSULATION MATERIAL         | HDPE                               |
| NUMBER OF CONDUCTORS [AWG]            | 2UTPx24 AWG, STRANDED              |
| SHIELDING                             | ALUM. FOIL & TINNED COPPER BRAIDED |
| TEMPERATURE RANGE                     | -40°C to +80°C (-40°F to +176°F)   |
| PROTECTION CLASS                      | IP67 (RJ45/IP20)                   |



| CABLE LENGTH | TOLERANCE*  |
|--------------|---|
| ALL LENGTHS  | + 4% (OR 50mm) OF LENGTH<br>- 0% (OR 0mm) OF LENGTH<br>WHICHEVER IS GREATER |
| STRIP LENGTH | TOLERANCE*  |
| 0-7mm        | ±0.5mm  |
| 8-29mm       | ±1.0mm  |
| 30-49mm      | ±2.0mm  |
| 50-69mm      | ±3.0mm  |
| 70-100mm     | ±4.0mm  |
| OVER 100mm   | ±5.0mm  |

\* UNLESS OTHERWISE SPECIFIED

| "441" RAW CABLE SPECIFICATIONS |   |
|--------------------------------|---|
| CABLE PROPERTIES:              | OIL, UV, WELD SLAG, AND ABRASION RESISTANT  |
| VOLTAGE RATINGS (MAX):         | 600V  |
| CATEGORY:                      | CAT 5e; (CABLE WILL MEET CAT 5e CHANNEL REQUIREMENTS TO 90M LENGTH)                                   |
| POE COMPLIANT (802.3af):       | UP TO 80M LENGTH WHEN INSTALLED PER RECOMMENDATIONS IN TIA TSB-184                                    |
| FLEXLIFE:                      | 10X CABLE OD MIN: 1 MILLION CYCLES (TICK TOCK)<br>20X CABLE OD MIN: 10 MILLION CYCLES (TICK TOCK)     |
| TORSION TEST:                  | 3 MILLION CYCLES (1lb LOAD, 360°-71 CYCLES/min)   |
| APPROVALS:                     | C(UL)US CMX-OUTDOOR-CM LISTED, AWM RECOGNIZED<br>COMPLIANT WITH NEC ARTICLE 800 COMMUNICATIONS CABLES |

**SOURCE DRAWING - FOR REFERENCE ONLY**

NOTES:  
 1. "\*" INDICATES CABLE LENGTH IN METERS. CONTACT TURCK TO ORDER SPECIFIC LENGTHS.

|   |   |  |                              |   |
|---|---|--|------------------------------|---|
| RELATED DOCUMENTS<br>1.<br>2.<br>3.<br>4. | 3RD ANGLE PROJECTION<br>  | THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. |                              | <b>TURCK IAC</b><br><i>High Technology Sensors and Automation Controls</i><br>3000 CAMPUS DRIVE<br>MINNEAPOLIS, MN 55441<br>1-800-544-7769<br>(763) 553-7300<br>(763) 553-0708 fax<br>turck.com |
|   |   | DRFT RDS<br>APVD   | DATE 04/22/05<br>SCALE 1=1.0 |   |
| MATERIAL                                  | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY<br><br>CONTACT TURCK FOR MORE INFORMATION | UNIT OF MEASUREMENT<br><b>MILLIMETER [ INCH ]</b>  |                              | IDENTIFICATION NO.  |
| FINISH                                    |   | DO NOT SCALE THIS DRAWING  | REV<br>H                     | FILE: 777006937   |

|     |                                   |     |          |         |
|-----|-----------------------------------|-----|----------|---------|
| H   | ADD RAW CABLE DATA & UPDATE SPECS | RDS | 09/23/14 | 47293   |
| REV | DESCRIPTION                       | BY  | DATE     | ECO NO. |