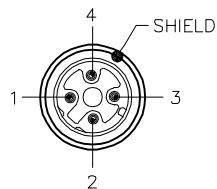
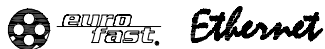


MALE END VIEW

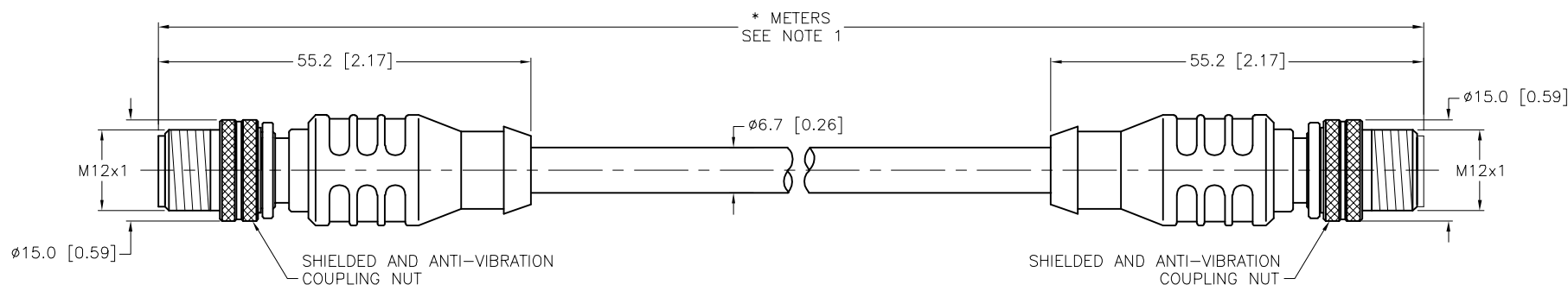


- 1 = WHITE/ORANGE (+TX)
2 = WHITE/GREEN (+RX)
3 = ORANGE (-TX)
4 = GREEN (-RX)



SPECIFICATIONS

| | |
|-----------------------------------|--|
| CONTACT CARRIER MATERIAL | TPU |
| MOLDED HEAD MATERIAL/COLOR | TPU/BLUE-GRAY |
| CONTACT MATERIAL/PLATING | BRASS/GOLD |
| COUPLING NUT MATERIAL/PLATING | BRASS/NICKEL |
| RATED CURRENT [A] | 4.0 A |
| RATED VOLTAGE [V] | 30 VAC/42 VDC |
| OUTER CABLE JACKET MATERIAL/COLOR | TPE/BLACK |
| CONDUCTOR INSULATION MATERIAL | HDPE |
| NUMBER OF CONDUCTORS [AWG] | 2UTPx24 AWG, STRANDED |
| SHIELDING | ALUM.-POLYESTER FOIL & TINNED COPPER BRAID |
| TEMPERATURE RANGE | -40°C to +80°C (-40°F to +176°F) |
| PROTECTION CLASS | IP67 |



| CABLE LENGTH | TOLERANCE* |
|--------------|---|
| ALL LENGTHS | + 4% (OR 50mm) OF LENGTH - 0% (OR 0mm) OF LENGTH 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

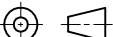

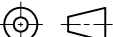
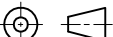
NOTES:

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

"441BK" 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 85M LENGTH WHEN INSTALLED PER RECOMMENDATIONS IN TIA TSB-184 |
| FLEXLIFE: | 10X CABLE OD MIN: 1 MILLION CYCLES (TICK TOCK) 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 COMPLIANT WITH NEC ARTICLE 800 COMMUNICATIONS CABLES |

SOURCE DRAWING - FOR REFERENCE ONLY

| | | | | | | | | | |
|---|---|---|--|---|--|--|---------------------------------------|--|--------------|
| RELATED DOCUMENTS 1. 2. 3. 4. | 3RD ANGLE PROJECTION |  | THIS DRAWING IS CONFIDENTIAL AND THE PROPERTY OF TURCK INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED. |  | | 3000 CAMPUS DRIVE MINNEAPOLIS, MN 55441 1-800-544-7769 (763) 553-7300 (763) 553-0708 fax www.turck.us | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| MATERIAL | ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY |  | DRFT | TV | DATE | 08/15/17 | DESCRIPTION RSSD RSSD 441BK-*M | | |
| | | | APVD | L.S. | SCALE | 1=1.0 | | | |
| FINISH | | | CONTACT TURCK FOR MORE INFORMATION |  | UNIT OF MEASUREMENT MILLIMETER [INCH] DO NOT SCALE THIS DRAWING | | IDENTIFICATION NO. | | REV |
| | | | | | | | FILE: 777040139 | | SHEET 1 OF 1 |
| | | | | | | | | | |

| | | | | |
|-----|------------------------|----|----------|--------------|
| B | UPDATED SPECIFICATIONS | AS | 11/15/24 | 500000010720 |
| REV | DESCRIPTION | BY | DATE | ECO NO. |