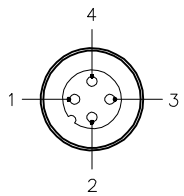
MALE END VIEW (P1)



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

MALE END VIEW (P2)

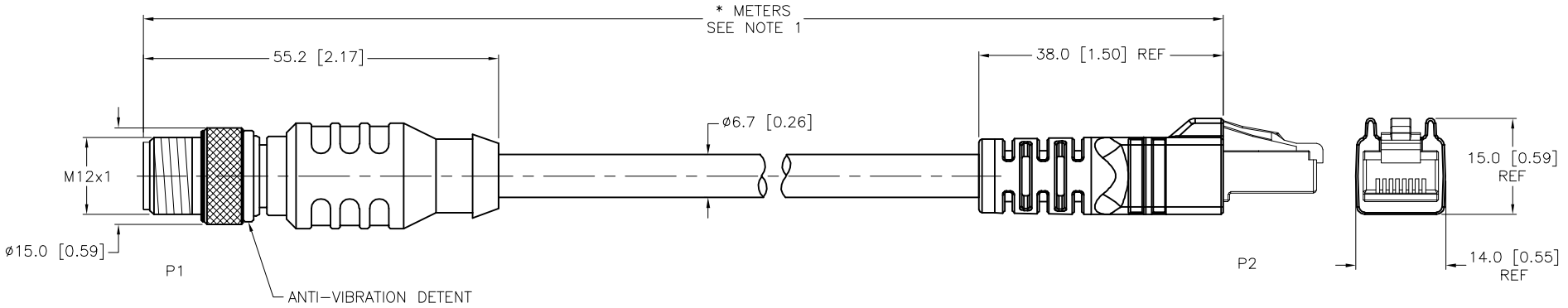


12345678

1 = WHITE/ORANGE (+TX)
2 = ORANGE (−TX)
3 = WHITE/GREEN (+RX)
4 = N/C
5 = N/C
6 = GREEN (−RX)
7 = N/C
8 = N/C

SPECIFICATIONS

CONTACT CARRIER MATERIAL	TPU OR NYLON (P1)
CONTACT CARRIER MATERIAL/COLOR	POLYCARBONATE/CLEAR (P2)
MOLDED HEAD MATERIAL/COLOR	TPU/BLUE−GRAY (P1), BLACK (P2)
CONTACT MATERIAL/PLATING	BRASS/GOLD (P1), BRONZE/GOLD (P2)
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL (P1)
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.−POLYESTER FOIL & TINNED COPPER BRAIDED
TEMPERATURE RANGE	−40˚C to +80˚C (−40˚F to +176˚F)
PROTECTION CLASS	NEMA 1,3,4,6P AND IEC IP68 (RJ45S: IP20)



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	

"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)
	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

NOTES:

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

REV	DESCRIPTION	BY	DATE	ECO NO.
A	DRAWING RELEASE	NF	11/20/17	

RELATED DOCUMENTS
1.
2.
3.
4.

3RD ANGLE PROJECTION

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TURCK
3000 CAMPUS DRIVE
MINNEAPOLIS, MN 55441
1−800−544−7769
(763) 553−7300
(763) 553−0708 fax
www.turck.us

MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

DRFT: TV | DATE: 11/08/17

APVD: L.H. | SCALE: 1=1.0

UNIT OF MEASUREMENT
MILLIMETER [INCH]
DO NOT SCALE THIS DRAWING

DESCRIPTION: RSC RJ45 441−*M

IDENTIFICATION NO.:

REV: A

FILE: 777040711

SHEET 1 OF 1