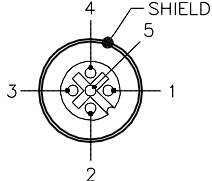
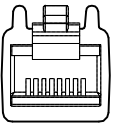
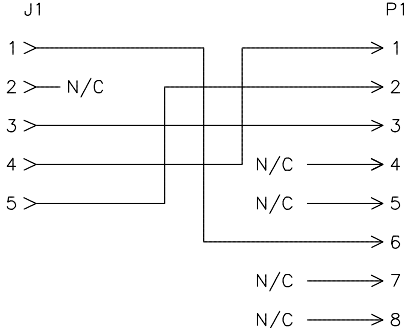
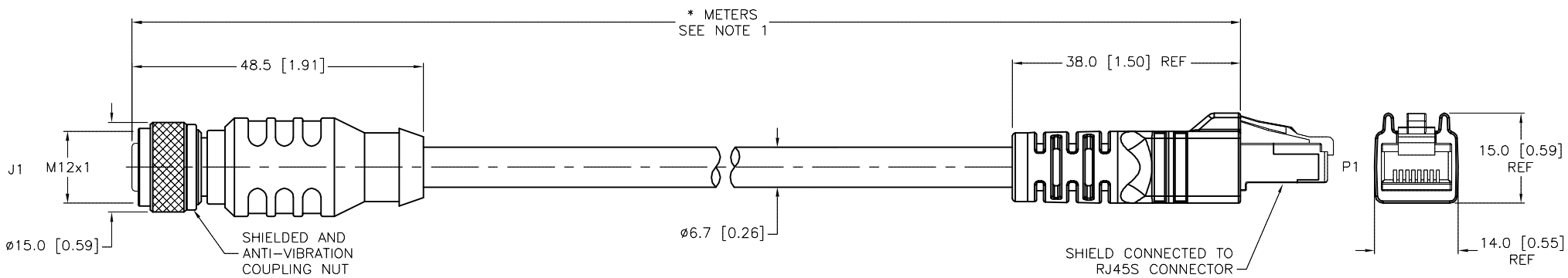


FEMALE END VIEW	RJ45S END VIEW	WIRING DIAGRAM	SPECIFICATIONS	
 <p>1 = GREEN (SHIELD) 2 = N/C 3 = WHT/GRN(- VOLTAGE) 4 = WHT/ORG(CAN_H) 5 = ORANGE (CAN_L)</p>	 <p>12345678</p> <p>1 = WHT/ORG (CAN_H) 2 = ORANGE (CAN_L) 3 = WHT/GRN(CAN_GND) 4 = N/C 5 = N/C 6 = GREEN (CHAN_SHLD) 7 = N/C 8 = N/C</p>		CONTACT CARRIER MATERIAL/COLOR (P1)	POLYCARBONATE/CLEAR
			MOLDED HEAD MATERIAL/COLOR (P1)	TPU/BLACK
			CONTACT MATERIAL/PLATING (P1)	BRONZE/GOLD
			CONTACT CARRIER MATERIAL/COLOR (J1)	TPU/BLACK
			MOLDED HEAD MATERIAL/COLOR (J1)	TPU/BLUE-GRAY
			CONTACT MATERIAL/PLATING (J1)	BRASS/GOLD
			COUPLING NUT MATERIAL/PLATING (J1)	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.-POLYESTER FOIL & T-C BRAIDED
			TEMPERATURE RANGE	-40°C to +80°C (-40°F to +176°F)
			PROTECTION CLASS	MEETS IEC IP67 (RJ45:IP20)



* METERS
SEE NOTE 1

48.5 [1.91]

38.0 [1.50] REF

15.0 [0.59] REF

14.0 [0.55] REF

15.0 [0.59]

6.7 [0.26]

M12x1

SHIELDED AND ANTI-VIBRATION COUPLING NUT

SHIELD CONNECTED TO RJ45S CONNECTOR

J1

P1

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

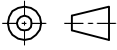
FLEXLIFE: 10X CABLE OD MIN: 1 MILLION CYCLES (TICK TOCK)
20X CABLE OD MIN: 10 MILLION CYCLES (TICK TOCK)

TORSION TEST: 3 MILLION CYCLES (11b LOAD, 360°-71 CYCLES/min)

APPROVALS: C(UL)US CMX-OUTDOOR-CM LISTED, AWM RECOGNIZED
COMPLIANT WITH NEC ARTICLE 800 COMMUNICATIONS CABLES

NOTES:

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

RELATED DOCUMENTS	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	
1.		DRFT	RWC	DATE 02/19/08
2.		APVD	SCALE 1=1.0	DESCRIPTION RKS RJ45S 5744-*M
3.	ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY	UNIT OF MEASUREMENT		IDENTIFICATION NO.
4.		MILLIMETER [INCH]		REV
MATERIAL	CONTACT TURCK FOR MORE INFORMATION	DO NOT SCALE THIS DRAWING		FILE: 777021140
SEE SPECIFICATIONS				SHEET 1 OF 1
FINISH	SEE SPECIFICATIONS			

I	UPDATE J1 END VIEW TO SHOW FEMALE M12 END VIEW	RDS	02/05/18	64111
REV	DESCRIPTION	BY	DATE	ECO NO.