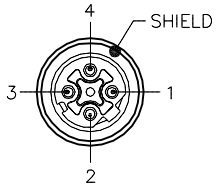
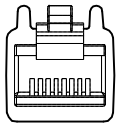
FEMALE END VIEW



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

euro fast. Ethernet

RJ45S END VIEW



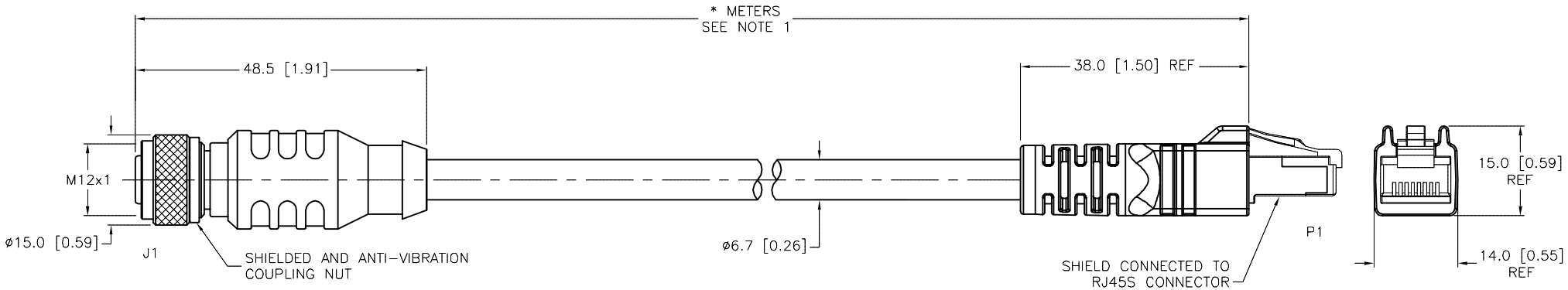
12345678

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

Ethernet

SPECIFICATIONS

CONTACT CARRIER MATERIAL/COLOR (P1)	POLYCARBONATE/CLEAR
MOLDED HEAD MATERIAL/COLOR (P1)	TPU/RED
CONTACT MATERIAL/PLATING (P1)	BRONZE/GOLD
CONTACT CARRIER MATERIAL/COLOR (J1)	TPU/BLACK
MOLDED HEAD MATERIAL/COLOR (J1)	TPU/RED
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/RED
CONDUCTOR INSULATION MATERIAL	HDPE
NUMBER OF CONDUCTORS [AWG]	4x24 AWG, STRANDED, CAT 5e
SHIELDING	ALUM. FOIL & TINNED COPPER BRAIDED
TEMPERATURE RANGE	−40°C to +75°C (−40°F to +167°F)
PROTECTION CLASS	MEETS IP67 (RJ45/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	07/29/15	

RELATED DOCUMENTS
1.
2.
3.
4.

MATERIAL

FINISH

3RD ANGLE PROJECTION

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

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turck.com

DRFT	NF	DATE	07/22/15
APVD	L.H.	SCALE	1=1.0

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

DESCRIPTION
RKSD RJ45S 441RD−*M

IDENTIFICATION NO.

REV
A

FILE: 777035788

SHEET 1 OF 1

Approved 07/22/2015, work order #82837 by L.H.