

MALE END VIEW

1 = WHITE/ORANGE

2 = ORANGE

3 = WHITE/GREEN

4 = GREEN

5 = N/C

6 = N/C

7 = N/C

8 = N/C

FEMALE END VIEW

1 = WHITE/ORANGE

2 = WHITE/GREEN

3 = ORANGE

4 = GREEN

SPECIFICATIONS

CONTACT CARRIER MATERIAL/PLATING	ZINC/NICKEL (P1), TPU/BLACK (J1)
MOLDED MATERIAL/COLOR	TPU/BLACK
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
RATED CURRENT [A]	0.5 A
RATED VOLTAGE [V]	48 V
OUTER CABLE JACKET MATERIAL/COLOR	TPE/TEAL
CONDUCTOR INSULATION MATERIAL	HDPE
NUMBER OF CONDUCTORS [AWG]	2UTP×24 AWG, STRANDED
DRAIN/SHIELDING	ALUM. -POLYESTER FOIL & T-C BRAIDED
TEMPERATURE RANGE	-40°C to +80°C (-40°F to +176°F)
PROTECTION CLASS	MEETS IEC IP67
TRANSMISSION CHARACTERISTIC	CAT 5e

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.

SOURCE DRAWING - FOR REFERENCE ONLY

RELATED DOCUMENTS

3RD ANGLE PROJECTION

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DATE

04/07/17

SCALE

1=1.0

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

DESCRIPTION

RSSX RKSD 441-*M

IDENTIFICATION NO.

REV

B

3000 CAMPUS DRIVE

MINNEAPOLIS, MN 55441

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(763) 553-7300

(763) 553-0708 fax

www.turck.us

B	UPDATED COUPLING NUT PER ECO	TV	11/07/17	62765
REV	DESCRIPTION	BY	DATE	ECO NO.

Approved 11/09/2017, work order #149184 by L.S.