

MALE END VIEW

1 = WHITE/BLUE  
2 = WHITE/BROWN  
3 = BROWN  
4 = ORANGE (-TX)  
5 = WHITE/GREEN (+RX)  
6 = WHITE/ORANGE (+TX)  
7 = BLUE  
8 = GREEN (-RX)

RJ45SF END VIEW

1 = WHITE/ORANGE (+TX)  
2 = ORANGE (-TX)  
3 = WHITE/GREEN (+RX)  
4 = BLUE  
5 = WHITE/BLUE  
6 = GREEN (-RX)  
7 = WHITE/BROWN  
8 = BROWN

SPECIFICATIONS

CONTACT CARRIER MATERIAL	NYLON OR TPU (P1), POLYCARBONATE/CLEAR (J1)
MOLDED MATERIAL/COLOR	TPU/BLACK
CONTACT MATERIAL/PLATING	BRASS/GOLD (P1), BRONZE/GOLD (J1)
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]	4UTPx24 AWG, STRANDED, CAT 5e
SHIELDING	ALUM.-POLYESTER FOIL, TINNED-COPPER BRAIDED
TEMPERATURE RANGE	-40°C to +80°C (-40°F to +176°F)
PROTECTION CLASS	MEETS IEC IP67, (J1: IP20)

\* METERS  
SEE NOTE 1

55.2 [2.17]

M12x1

ø15.0 [0.59]

P1

SHIELDED AND ANTI-VIBRATION COUPLING NUT

ø7.7 [0.30]

50.8 [2.00] REF.

21.1 [0.83] REF.

20.3 [0.80] REF.

J1

"841" 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

NOTES:

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

TABLES

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

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 07/05/16	DESCRIPTION RSS RJ45SF 841-*M
FINISH		APVD	SCALE 1=1.0	
		UNIT OF MEASUREMENT MILLIMETER [ INCH ]		IDENTIFICATION NO.
		DO NOT SCALE THIS DRAWING		REV D

SOURCE DRAWING - FOR REFERENCE ONLY