

MALE END VIEW (P1)

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

MALE END VIEW (P2)

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

Ethernet

Ethernet

SPECIFICATIONS	
CONTACT CARRIER MATERIAL	NYLON or TPU
MOLDED HEAD MATERIAL/COLOR	TPU/BLUE-GRAY (P2)
HOUSING MATERIAL/COLOR	NYLON/BLACK (P1)
CONTACT MATERIAL/PLATING	BRASS/GOLD
COUPLING NUT MATERIAL/PLATING	BRASS/NICKEL
RATED CURRENT [A]	2.0 A
RATED VOLTAGE [V]	75 V
OUTER CABLE JACKET MATERIAL/COLOR	TPE/TEAL
CONDUCTOR INSULATION MATERIAL	HDPE
NUMBER OF CONDUCTORS [AWG]	2UTPx24 AWG, STRANDED
TEMPERATURE RANGE	-40°C to +80°C (-40°F to +176°F)
PROTECTION CLASS	IEC IP67

* METERS
SEE NOTE 1

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

"440" 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 85M LENGTH)
POE COMPLIANT (802.3af):	UP TO 85M 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.

RELATED DOCUMENTS

1.

2.

3.

4.

MATERIAL

SEE SPECIFICATIONS

FINISH

SEE SPECIFICATIONS

3RD ANGLE PROJECTION

ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY

CONTACT TURCK FOR MORE INFORMATION

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DRFT NF

APVD E.S.

DATE 07/02/18

SCALE 1=1.0

UNIT OF MEASUREMENT

MILLIMETER [INCH]

DO NOT SCALE THIS DRAWING

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

TURCK

DESCRIPTION

CAS-BS8181/RSCD 440-*M

IDENTIFICATION NO.

777041817

REV

A

SHEET 1 OF 1