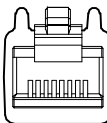
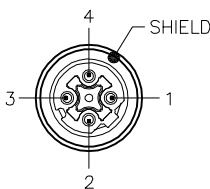
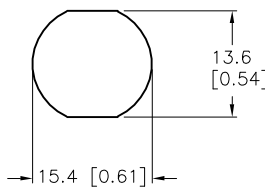
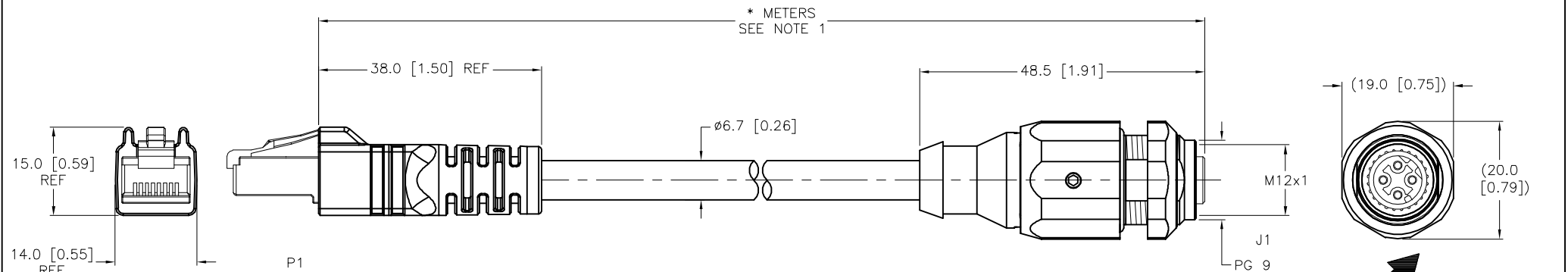


RJ45 END VIEW	FEMALE END VIEW	TYPICAL PANEL CUTOUT	SPECIFICATIONS																																	
<div><p>12345678</p><p>1 = WHITE/ORANGE (+TX) 2 = ORANGE (-TX) 3 = WHITE/GREEN (+RX) 4 = N/C 5 = N/C 6 = GREEN (-RX) 7 = N/C 8 = N/C</p><p><b>Ethernet</b></p></div>	<div><p>1 = WHITE/ORANGE (+TX) 2 = WHITE/GREEN (+RX) 3 = ORANGE (-TX) 4 = GREEN (-RX)</p><p><b>Ethernet</b></p></div>	<div></div>	<table><tr><td>CONTACT CARRIER MATERIAL (P1)</td><td>POLYCARBONATE</td></tr><tr><td>MOLDED HEAD MATERIAL/COLOR (P1)</td><td>TPU/BLACK</td></tr><tr><td>CONTACT MATERIAL/PLATING (P1)</td><td>BRONZE/GOLD</td></tr><tr><td>CONTACT CARRIER MATERIAL/COLOR (J1)</td><td>TPU/BLACK</td></tr><tr><td>MOLDED HEAD MATERIAL/COLOR (J1)</td><td>TPU/BLUE-GRAY</td></tr><tr><td>CONTACT MATERIAL/PLATING (J1)</td><td>BRASS/GOLD</td></tr><tr><td>COUPLING NUT MATERIAL/PLATING (J1)</td><td>BRASS/NICKEL</td></tr><tr><td>RATED CURRENT [A]</td><td>1.5 A</td></tr><tr><td>RATED VOLTAGE [V]</td><td>42 V</td></tr><tr><td>OUTER CABLE JACKET MATERIAL/COLOR</td><td>TPE/TEAL</td></tr><tr><td>CONDUCTOR INSULATION MATERIAL</td><td>HDPE</td></tr><tr><td>NUMBER OF CONDUCTORS [AWG]</td><td>2UTP×24 AWG, STRANDED</td></tr><tr><td>SHIELDING</td><td>ALUM. FOIL &amp; TINNED-COPPER BRAIDED</td></tr><tr><td>TEMPERATURE RANGE</td><td>-40°C to +80°C (-40°F to +176°F)</td></tr><tr><td>PROTECTION CLASS</td><td>IP67 (RJ45/IP20)</td></tr><tr><td>MAX. PANEL THICKNESS</td><td>5.5mm [0.216"]</td></tr></table>	CONTACT CARRIER MATERIAL (P1)	POLYCARBONATE	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]	2UTP×24 AWG, STRANDED	SHIELDING	ALUM. FOIL & TINNED-COPPER BRAIDED	TEMPERATURE RANGE	-40°C to +80°C (-40°F to +176°F)	PROTECTION CLASS	IP67 (RJ45/IP20)	MAX. PANEL THICKNESS	5.5mm [0.216"]	
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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.					2. 3. 4.				INC. USE OF THIS DOCUMENT WITHOUT WRITTEN PERMISSION IS PROHIBITED.		 (763) 553-7300 (763) 553-0708 fax www.turck.us					
					MATERIAL		ALL DIMENSIONS DISPLAYED ON THIS DRAWING ARE FOR REFERENCE ONLY		DRFT		RDS		DATE 12/29/05		DESCRIPTION  RJ45 FKSDED 441-*M	
					FINISH				APVD		SCALE 1=1.0					
									UNIT OF MEASUREMENT  <b>MILLIMETER [ INCH ]</b>		IDENTIFICATION NO.		REV  K			
K UPDATE CABLE OD					NF	03/23/18	64737		DO NOT SCALE THIS DRAWING		FILE: 777011843		SHEET 1 OF 1			
REV DESCRIPTION					BY	DATE	ECO NO.									