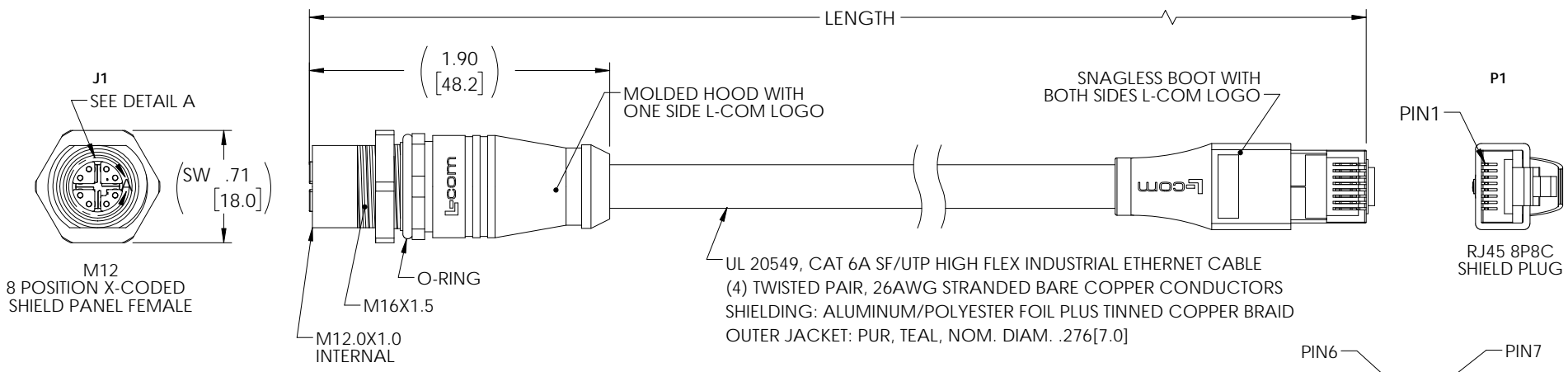
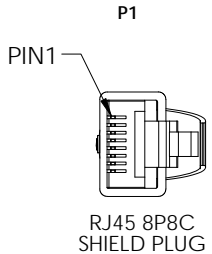


REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	05/08/2026	BZHANG	WLI



M12  
8 POSITION X-CODED  
SHIELD PANEL FEMALE



**NOTES**

**MATERIAL:**  
 MOLDED HOOD: TPU, UL94 V-0, BLACK  
 M12 INSULATOR: NYLON, BLACK  
 M12 SHELL/SCREW NUT: BRASS, NICKEL PLATE  
 M12 CONTACTS: PHOSPHOR BRONZE, 15µ" MIN. GOLD PLATE  
 O-RING: VITON  
 SNAGLESS BOOT: LOW SMOKE ZERO HALOGEN, BLACK  
 RJ45 HOUSING: POLYCARBONATE, CLEAR UL94 V-0  
 RJ45 SHIELD/STRAIN RELIEF: BRASS, NICKEL PLATE  
 RJ45 CONTACTS: PHOSPHOR BRONZE, 50µ" MIN. GOLD PLATE IN CONTACT AREA OVER NICKEL PLATE OVERALL

**ELECTRICAL:**  
 NOMINAL VOLTAGE RATING: 48 V AC/DC  
 MAX CURRENT: 0.5A

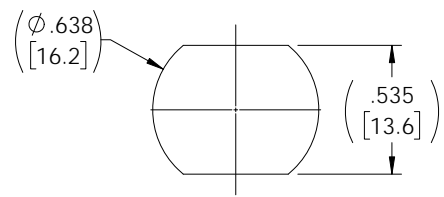
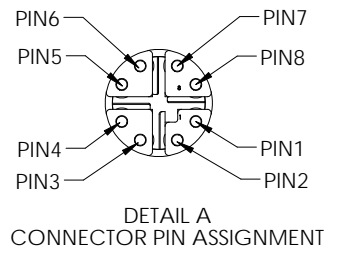
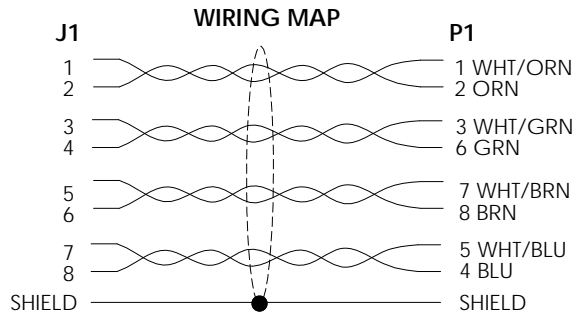
**APPLICATION:**  
 INGRESS PROTECTION RATING IS IP67 (MATED ,J1 ONLY).

**ENVIRONMENTAL:**  
 OPERATING TEMPERATURE RANGE: -40°C TO +75°C  
 CABLE JACKET: OIL, SUNLIGHT and WELD SPLATTER RESISTANT  
 CABLE FLEX LIFE: 5 MILLION CYCLE TEST (RADIUS: 6X CABLE OD)

**MISCELLANEOUS**  
 CABLE ASSEMBLIES TO BE TESTED FOR CONTINUITY  
 WIRED TO IEC 61076-2-109 STANDARDS  
 CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.

**REGULATORY COMPLIANCE:**  
 EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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PART NUMBER	LENGTH	
	METERS	FEET
TRG611-P6T-05M	0.5	1.64
TRG611-P6T-1M	1.0	3.28
TRG611-P6T-2M	2.0	6.56
TRG611-P6T-3M	3.0	9.84
TRG611-P6T-5M	5.0	16.41
TRG611-P6T-10M	10.0	32.82
TRG611-P6T-15M	15.0	49.22

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS <b>TOLERANCES:</b> .X = ±.2 [5]      FRACTIONS ± 1/32 .XX = ±.02 [0.5]      ANGLES ± 1° .XXX = ±.005 [0.13]		 <b>an INFINIT@ brand</b> Website: www.L-com.com Phone: 1.800.341.5266   1.978.682.6936		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE      SHEET: 1 OF 1	
CABLE LENGTH TOLERANCES: ≤12 [305] = +1 [25] / -0 >12 [305] ≤ 60 [1524] = +2 [51] / -0 >60 [1524] ≤ 120 [3048] = +4 [102] / -0 >120 [3048] ≤ 300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0					
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE UN-DIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION COLORS MAY VARY					
DESCRIPTION	SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
C6A M12X F PN/RJ45 PUR 26 TEL	A	43321	BZHANG	TRG611-P6T	A