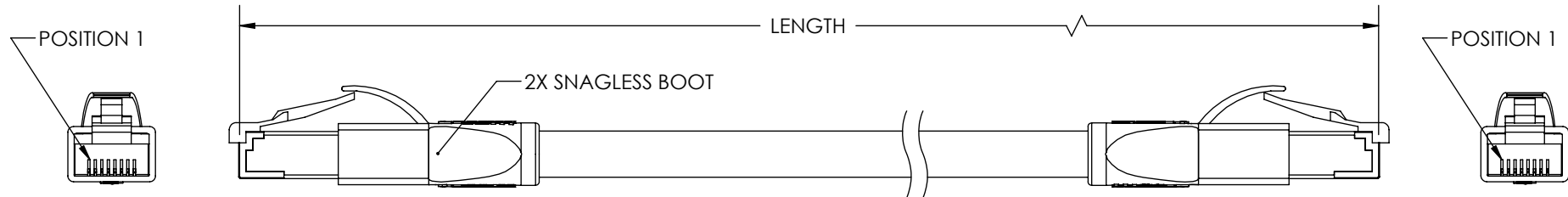


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**RoHS Compliant** ✓

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
M	ECN 6831: REVISED TEMP RANGE, AND PACKAGING NOTE, NEW FORMAT	5/9/13	D.FRISIELLO



2X RJ45 SHIELDED PLUG  
(8X8)

**NOTES:**

**MATERIAL:**

PLUG HOUSING: POLYCARBONATE, CLEAR, UL94V-0  
 CONTACTS: PHOSPHOR BRONZE  
 CABLE JACKET: LSZH COLOR: SEE SHEET 2  
 PLUG SHIELDING: BRASS  
 SNAGLESS BOOT: LSZH THERMOPLASTIC, BLACK

**FINISH:**

CONTACTS: 50 μINCHES GOLD IN CONTACT AREA  
 OVER 100 μINCHES NICKEL PLATE OVERALL  
 PLUG SHIELDING: NICKEL PLATED

**CABLE CHARACTERISTICS:**

SHIELDED, FOUR TWISTED PAIR, CAT 5E MODULAR CABLE  
 CONDUCTORS: 24 AWG SOLID BARE COPPER  
 SHIELDING: ALUMINUM/ POLYESTER AND TINNED BRAIDED COPPER (100% SHIELD COVERAGE)

**ELECTRICAL:**

ASSEMBLY WIRED PER TIA/EIA 568B SEQUENCE  
 DRAIN WIRE TIED TO PLUG SHIELDS  
 NOMINAL IMPEDANCE: 100Ω

**MISCELLANEOUS:**


PLUG CONFORMS TO TIA-1096.  
 OPERATING TEMPERATURE RANGE: -20°C [-4°F] TO 80°C [176°F].  
 CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.  
 CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED IN ACCORDANCE WITH L-COM SPECIFICATION PS-0031.



UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES [mm] OVERALL CABLE LENGTH TOLERANCE: ≤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] = +3% / -0%	APPROVALS	DATE		45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845
	DRAWN BY D. PARHAM	8/16/2000		
ALL OTHER DIMENSIONAL TOLERANCES: .X = ±.2 .XX = ±.02 .XXX = ±.005	CHECKED BY Z. WORONKO	8/17/2000	CATEGORY TELECOM/MODULAR	
	APPROVED BY ZW	8/17/2000	PRODUCT DESCRIPTION CATEGORY 5e PATCH CORD, LSZH	
PROJECTION 	CONFIGURATION DETAILS OF UNDIMENSIONED FEATURES MAY VARY	COLOR VARIATIONS MAY OCCUR	SIZE <b>A</b>	FSCM NO. <b>43321</b>
			DWG. NO. TRD855SIG	REV. <b>M</b>
			SCALE: NONE	CAD FILE: TRD855SIG.SLDDRW
			SHEET 1 OF 2	

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PART NUMBER	JACKET COLOR	LENGTH		PART NUMBER	JACKET COLOR	LENGTH		PART NUMBER	JACKET COLOR	LENGTH	
		FEET	METERS			FEET	METERS			FEET	METERS
TRD855SIG-1	GRAY	1.0	0.31	TRD855SIGBLK-1	BLACK	1.0	0.31	TRD855SIGRD-1	RED	1.0	0.31
TRD855SIG-2	GRAY	2.0	0.61	TRD855SIGBLK-2	BLACK	2.0	0.61	TRD855SIGRD-2	RED	2.0	0.61
TRD855SIG-3	GRAY	3.0	0.91	TRD855SIGBLK-3	BLACK	3.0	0.91	TRD855SIGRD-3	RED	3.0	0.91
TRD855SIG-5	GRAY	5.0	1.52	TRD855SIGBLK-5	BLACK	5.0	1.52	TRD855SIGRD-5	RED	5.0	1.52
TRD855SIG-7	GRAY	7.0	2.13	TRD855SIGBLK-7	BLACK	7.0	2.13	TRD855SIGRD-7	RED	7.0	2.13
TRD855SIG-10	GRAY	10.0	3.05	TRD855SIGBLK-10	BLACK	10.0	3.05	TRD855SIGRD-10	RED	10.0	3.05
TRD855SIG-15	GRAY	15.0	4.57	TRD855SIGBLK-15	BLACK	15.0	4.57	TRD855SIGRD-15	RED	15.0	4.57
TRD855SIG-20	GRAY	20.0	6.10	TRD855SIGBLK-20	BLACK	20.0	6.10	TRD855SIGRD-20	RED	20.0	6.10
TRD855SIG-25	GRAY	25.0	7.62	TRD855SIGBLK-25	BLACK	25.0	7.62	TRD855SIGRD-25	RED	25.0	7.62
TRD855SIG-30	GRAY	30.0	9.14	TRD855SIGBLK-30	BLACK	30.0	9.14	TRD855SIGRD-30	RED	30.0	9.14
TRD855SIG-40	GRAY	40.0	12.19	TRD855SIGBLK-40	BLACK	40.0	12.19	TRD855SIGRD-40	RED	40.0	12.19
TRD855SIG-50	GRAY	50.0	15.24	TRD855SIGBLK-50	BLACK	50.0	15.24	TRD855SIGRD-50	RED	50.0	15.24
TRD855SIG-60	GRAY	60.0	18.29	TRD855SIGBLK-60	BLACK	60.0	18.29	TRD855SIGRD-60	RED	60.0	18.29
TRD855SIG-75	GRAY	75.0	22.86	TRD855SIGBLK-75	BLACK	75.0	22.86	TRD855SIGRD-75	RED	75.0	22.86
TRD855SIG-80	GRAY	80.0	24.38	TRD855SIGBLK-80	BLACK	80.0	24.38	TRD855SIGRD-80	RED	80.0	24.38
TRD855SIG-90	GRAY	90.0	27.43	TRD855SIGBLK-90	BLACK	90.0	27.43	TRD855SIGRD-90	RED	90.0	27.43
TRD855SIG-100	GRAY	100.0	30.48	TRD855SIGBLK-100	BLACK	100.0	30.48	TRD855SIGRD-100	RED	100.0	30.48
TRD855SIG-150	GRAY	150.0	45.72	TRD855SIGBLK-150	BLACK	150.0	45.72	TRD855SIGRD-150	RED	150.0	45.72
TRD855SIG-200	GRAY	200.0	60.96	TRD855SIGBLK-200	BLACK	200.0	60.96	TRD855SIGRD-200	RED	200.0	60.96
TRD855SIG-250	GRAY	250.0	76.20	TRD855SIGBLK-250	BLACK	250.0	76.20	TRD855SIGRD-250	RED	250.0	76.20
TRD855SIG-300	GRAY	300.0	91.44	TRD855SIGBLK-300	BLACK	300.0	91.44	TRD855SIGRD-300	RED	300.0	91.44

		45 BEECHWOOD DRIVE NORTH ANDOVER, MA 01845	
CATEGORY TELECOM/MODULAR			
PRODUCT DESCRIPTION CATEGORY 5e PATCH CORD, LSZH			
SIZE <b>A</b>	FSCM NO. <b>43321</b>	DWG. NO. TRD855SIG	REV. <b>M</b>
SCALE: NONE		CAD FILE: TRD855SIG.SLDDRW	SHEET 2 OF 2