

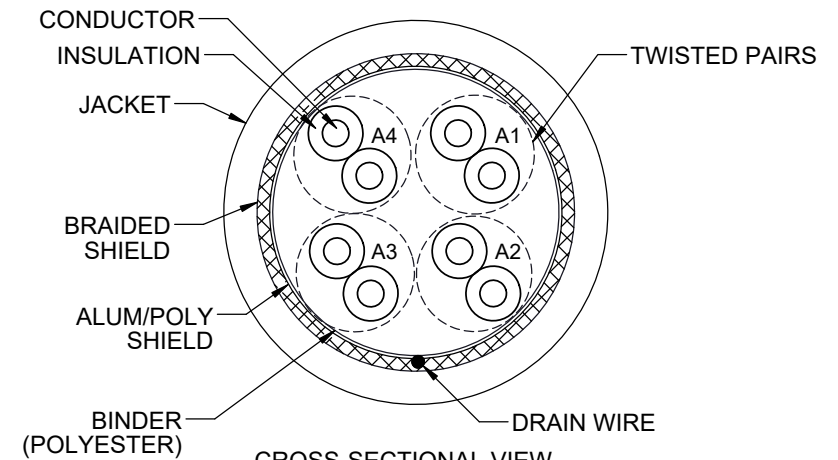
LCC104001-XXX CONSISTS OF A CONTINUOUS LENGTH OF BULK CABLE

NOTES:

- CONSTRUCTION:**
CONDUCTOR: 26 AWG(7/0.16±0.008mm) STRANDED BARE COPPER
INSULATION MATERIAL: HDPE
DIA. 0.037 ±.002 [0.93 ±0.05]
PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS
BINDER: MYLAR(POLYESTER), 25% OVERLAPPING
SHIELD(1): ALUMINUM/MYLAR(POLYESTER) FOIL SHIELD WITH 25% OVERLAPPING (ALUM OUTWARD)
DRAIN WIRE: 24 AWG STRANDED TINNED COPPER WIRE
SHIELD(2): TINNED COPPER BRAID, 65% COVERAGE NOM.
JACKET: LOW SMOKE ZERO HALOGEN (SEE COLOR CHART)
NOMINAL DIA: .236 ±.008 [6.0 ±0.20]
- PHYSICAL PROPERTIES:**
STORAGE TEMPERATURE RANGE: -20°C TO +80°C
OPERATING TEMPERATURE RANGE: -20°C TO +80°C
- ELECTRICAL PROPERTIES:**
DIELECTRIC STRENGTH:500V AC/1MIN
INSULATION RESISTANCE(HDPE):100 MEGA OHMS-10M Min.@20°C
CONDUCTOR RESISTANCE:(26AWG):150 OHMS/KM Max.@20°C
- JACKET PRINT:**
"L-COM, INC WWW.L-COM.COM VERIFIED TO TIA/EIA-568-B.2
Cat 5e 26AWG LSZH SF/UTP ROHS WW/YY(week/year)
- REGULATORY COMPLIANCE:**
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).
- LSZH CHARACTERISTICS:**
FLAME RATING: IEC60332-1
CORROSIVE GAS: IEC60754
SMOKE EMISSION: IEC61034

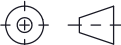
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REVISION					
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	04/18/2025	BZHANG	WLI



CROSS-SECTIONAL VIEW
COLOR CODE
A1: ORANGE x WHITE/ORANGE
A2: BLUE x WHITE/BLUE
A3: BROWN x WHITE/BROWN
A4: GREEN x WHITE/GREEN

ITEM NUMBER	LENGTH (FEET)	COLOR	PACKAGING
LCC104001-WHT	1000	WHITE (RAL9003)	SPOOL
LCC104001-BLU	1000	BLUE (RAL5017)	SPOOL
LCC104001-GRY	1000	GREY (RAL7044)	SPOOL
LCC104001-BLK	1000	BLACK (RAL9005)	SPOOL
LCC104001-RED	1000	RED (RAL3027)	SPOOL

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		<div>L-com</div> <div>an INFINIT® brand</div> <div>Website: www.L-com.com</div> <div>Phone: 1.800.341.5266 1.978.682.6936</div>		<div></div> <div>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</div>	
TOLERANCES:				SCALE	SHEET
<div>X = ±.2 [5]</div> <div>XX = ±.02 [0.5]</div> <div>XXX = ±.005 [0.13]</div> <div>FRACTIONS</div> <div>± 1/32</div> <div>ANGLES ± 1°</div>		NONE	1 OF 1		
CABLE LENGTH TOLERANCES:		DESCRIPTION			
<div>≤12 [305] = +1 [25] / -0</div> <div>>12 [305] ≤ 60 [1524] = +2 [51] / -0</div> <div>>60 [1524] ≤ 120 [3048] = +4 [102] / -0</div> <div>>120 [3048] ≤ 300 [7620] = +6 [152] / -0</div> <div>>300 [7620] = +5% / -0</div>					
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		C5E SF/UTP 4PR/26 STR LSZH 1K			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.		REV
A	43321	BZHANG	LCC104001		A