

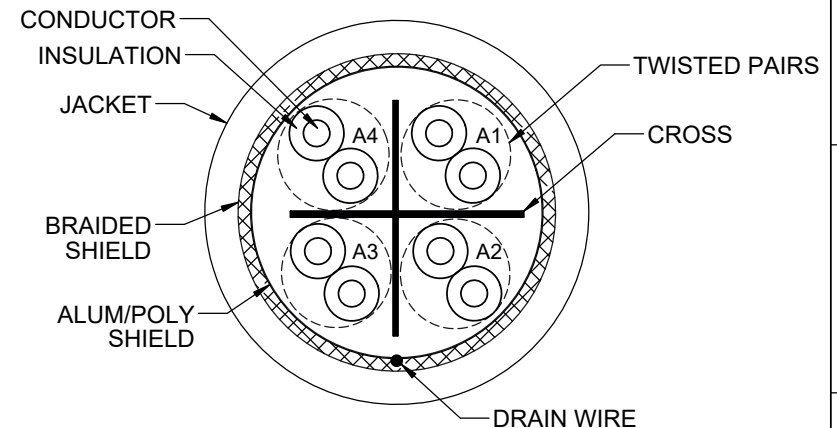
LCC104002-XXX CONSISTS OF A CONTINUOUS LENGTH OF BULK CABLE

NOTES:

- CONSTRUCTION:**  
CONDUCTOR: 26 AWG(7/0.16±0.008mm) STRANDED BARE COPPER  
INSULATION MATERIAL: HDPE, DIA. 0.039 ±.002 [0.98 ±0.05]  
CROSS: POLYOLEFIN  
PAIRS: COLOR CODED SINGLES TWISTED INTO PAIRS  
SHIELD(1): ALUMINUM/MYLAY(POLYESTER) FOIL SHIELD WITH 25% OVERLAPPING (ALUM OUTWARD)  
DRAIN WIRE: 26AWG STRANDED TINNED COPPER WIRE  
SHIELD(2): TINNED COPPER BRAID, 60% COVERAGE NOM.  
JACKET: LOW SMOKE ZERO HALOGEN (SEE COLOR CHART)  
NOMINAL DIA: .256 ±.008 [6.5 ±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 CAT.6 26AWG SF/UTP PATCH  
CABLE LOW SMOKE ZERO HALOGEN 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
LCC104002-WHT	1000	WHITE (RAL9003)	SPOOL
LCC104002-BLU	1000	BLUE (RAL5017)	SPOOL
LCC104002-GRY	1000	GREY (RAL7044)	SPOOL
LCC104002-BLK	1000	BLACK (RAL9005)	SPOOL
LCC104002-RED	1000	RED (RAL3027)	SPOOL

UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

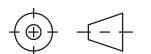
TOLERANCES:  
X = ±.2 [5] FRACTIONS  
XX = ±.02 [0.5] ± 1/32  
XXX = ±.005 [0.13] ANGLES ± 1°

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

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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE NONE SHEET 1 OF 1

DESCRIPTION					SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
C6 SF/UTP 4PR/26 STR LSZH 1K					A	43321	BZHANG	LCC104002	A