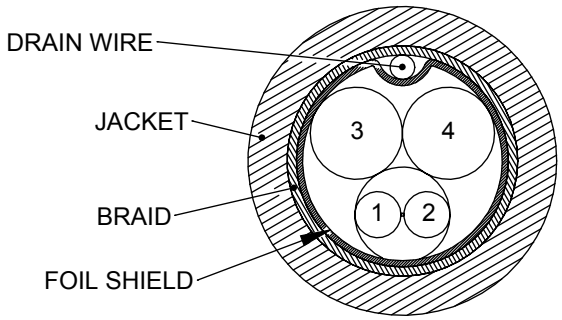
L-com CONNECTIVITY PRODUCTS

USB BULK CABLE SPECIFICATION

L-com Specification/Procudure
CSUSB-CS1
Revision:C
Revision Date: 12/9/10
Revised By: DLF
ECN: 5201

MODEL NO.	LENGTH
CSUSB-100	100 FEET
CSUSB-500	500 FEET
CSUSB-1000	1,000 FEET

CROSS-SECTIONAL VIEW



COLOR CODE

UNIT A
1. WHITE
2. GREEN

UNIT B
3. RED
4. BLACK

DESCRIPTION: USB CABLE REV 2.0

ITEM		UNIT A	UNIT B
CONSTRUCTION AWG		28 AWG - TWISTED PAIR	20 AWG
CONDUCTORS	CONDUCTOR SIZE, IN [MM]	7/.005±.0003 [.127±.008]	7/.013± .0003 [.324±.008]
	MATERIAL	STRANDED TINNED COPPER	STRANDED TINNED COPPER
INSULATION	MATERIAL	POLYOLEFIN	SR-PVC
	DIAMETER, IN [MM]	.031±.003 [.78±.08]	.060±.003 [1.52±.08]
TAPE	MATERIAL	ALUMINUM MYLAR	
	COVERAGE	125%	
DRAIN WIRE	CONDUCTOR SIZE, IN [MM]	7/.005±.0003 [.127±.008] (28 AWG)	
	MATERIAL	TINNED COPPER	
BRAID SHIELD	MATERIAL	TINNED COPPER	
	COVERAGE	65%	
JACKET	MATERIAL	PVC	
	DIAMETER, IN [MM]	.201±.006 [5.1±.15]	
	COLOR	LIGHT GRAY (PANTONE 400)	
Ⓒ MARKING	USB Revision 2.0 SHIELDED 28 AWG/2C+20 AWG/2C (UL) AWM2725 80°C 30V VW-1 [MANUFACTURER U.L. FILE ##] WWW.L-COM.COM		

ELECTRICAL PROPERTIES

ITEM	COMPONENT A	COMPONENT B
CONDUCTOR RESISTANCE	237 Ω/KM @ 68°F [20°C] MAX	34 Ω/KM @ 68°F [20°C] MAX
INSULATION RESISTANCE	300 MΩ-KM @ 68°F [20°C] MIN	100 MΩ-KM @ 68°F [20°C] MIN
DIELECTRIC STRENGTH	500 VAC/1 MIN	500 VAC/1 MIN
VOLTAGE RATING	30V	
TEMPERATURE RATING	176°F [80°]	