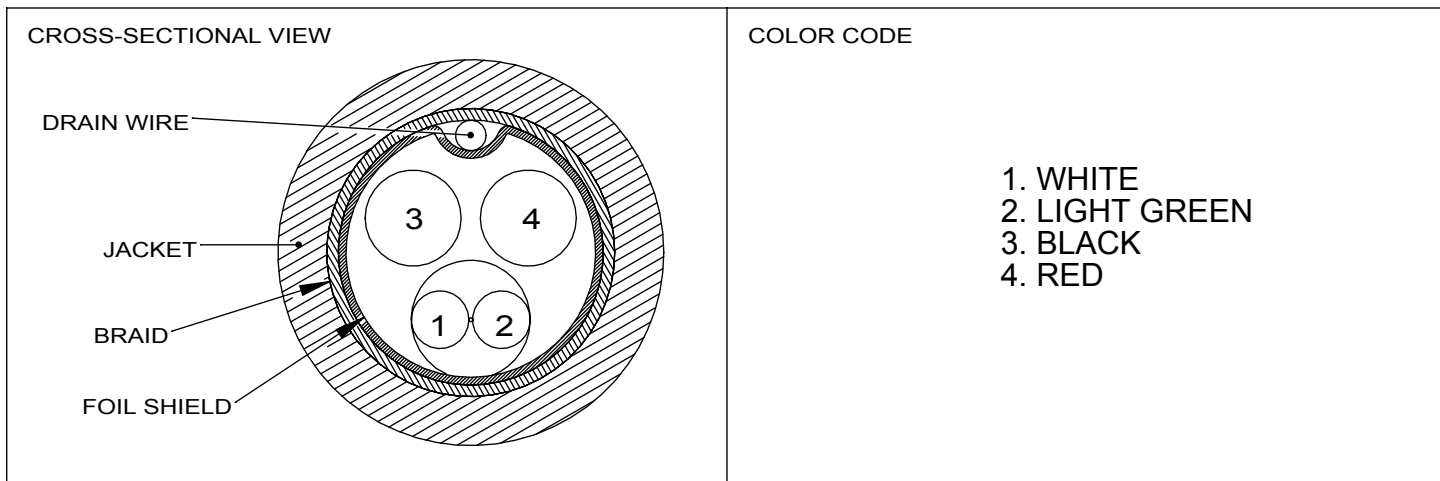


MODEL NO.	LENGTH
CBL-USBZ-2820-100	100 FEET
CBL-USBZ-2820-500	500 FEET
CBL-USBZ-2820-1000	1,000 FEET

USB BULK CABLE SPECIFICATION




DESCRIPTION: USB CABLE REV 2.0

ITEM		COMPONENT A	COMPONENT B
CONSTRUCTION AWG		28 AWG	20 AWG
CONDUCTORS	CONDUCTOR SIZE	7/.005 ± .0003 [.127 ± .008]	7/.013 ± .0003 [.32 ± .008]
	MATERIAL	STRANDED TINNED COPPER	STRANDED TINNED COPPER
INSULATION	MATERIAL	POLYOLEFIN	POLYOLEFIN
	DIAMETER, IN [MM]	.031 ± .003 [.78 ± .08]	.060 ± .003 [1.52 ± .08]
TAPE	MATERIAL	ALUMINUM MYLAR	
	COVERAGE, %	125	
BRAID SHIELD	MATERIAL	TINNED COPPER	
	COVERAGE, %	65	
DRAIN WIRE	MATERIAL	28 AWG TINNED COPPER	
	COVERAGE, %	65	
JACKET	MATERIAL	HALOGEN FREE	
	DIAMETER, IN [MM]	.201 ± .006 [5.1 ± .15]	
	COLOR	BLACK	
MARKING (WHITE)	USB Revision 2.0 SHIELDED 28 AWG/2C+20 AWG/2C (UL) AWM 21100 80°C 30V VW-1 Exxxxx WWW.L-COM.COM		



ELECTRICAL PROPERTIES

ITEM		COMPONENT A	COMPONENT B
CONDUCTOR RESISTANCE		237 Ω/KM @ 68°F [20°C] MAX	34.6 Ω/KM @ 68°F [20°C] MAX
INSULATION RESISTANCE		100 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
	IMPEDANCE	90 Ω ± 15%	/
VOLTAGE RATING		30V	

PHYSICAL PROPERTIES

OPERATING TEMPERATURE RANGE		- 4°F [-20°C] TO 176°F [80°C]
STORAGE TEMPERATURE RANGE		- 4°F [-20°C] TO 140°F [60°C]
MIN. BEND RADUIS		10X OD
FLAME TEST		VW-1