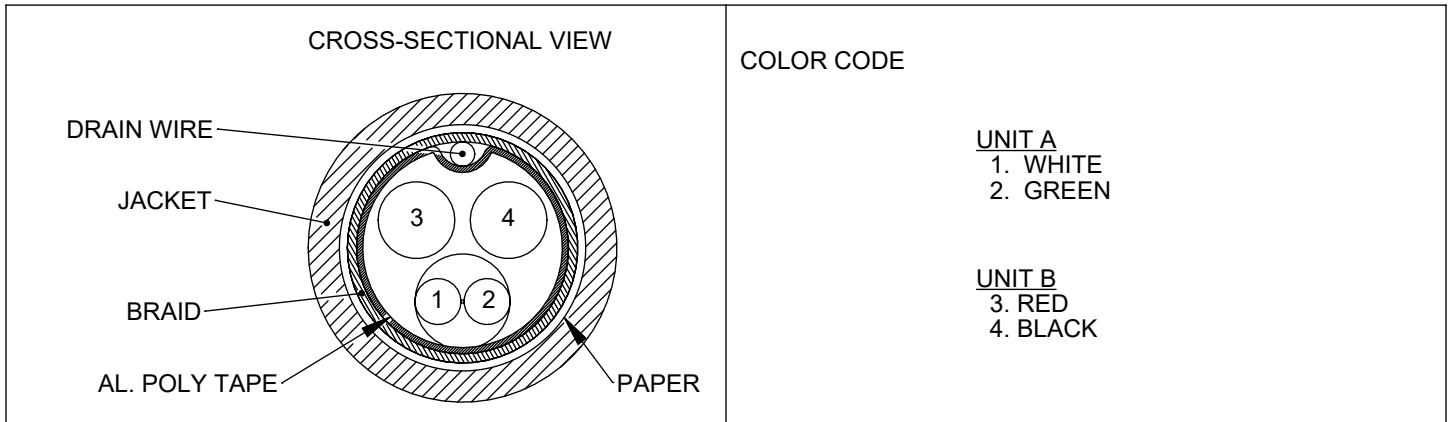


USB BULK CABLE SPECIFICATION



DESCRIPTION: USB BULK 2.0 HIGH FLEX 28/24 PU BLK

ITEM	UNIT A	UNIT B
CONSTRUCTION AWG	28 AWG - TWISTED PAIR	24 AWG
CONDUCTORS	CONDUCTOR SIZE, IN [MM]	19/.003±.0003 [.08±.008]
	MATERIAL	TINNED COPPER+telon
INSULATION	MATERIAL	HD-PE
	MIN. AVG. THICK, IN [MM]	.009 [.23]
	DIAMETER, IN [MM]	.035±.003 [.90±.08]
TAPE	MATERIAL	AL. POLY TAPE
	COVERAGE	100%
	OVERLAP	25% MIN.
DRAIN WIRE	AWG	28 AWG
	MATERIAL	TINNED COPPER+telon
	CONDUCTOR SIZE, IN [MM]	19/.003±.0003 [.08±.008]
BRAID SHIELD	MATERIAL	TINNED COPPER
	SIZE	16*5/.004±.0003 [.10±.008] (65% MIN.)
PAPER	COVERAGE	100%
	OVERLAP	25% MIN.
JACKET	MATERIAL	PU
	MIN. AVG. THICK, IN [MM]	.018 [.45]
	DIAMETER, IN [MM]	.177±.006 [4.5±.15]
	COLOR	BLACK
MARKING	-	

USB BULK CABLE SPECIFICATION

DESCRIPTION: USB BULK 2.0 HIGH FLEX 28/24 PU BLK													
ELECTRICAL CHARACTERISTICS													
1. VOLTAGE RATING: 30V													
2. CONDUCTOR RESISTANCE: 239 Ω/KM MAX. AT 20°C(28AWG); 94.2 Ω/KM MAX. AT 20°C(24AWG)													
3. INSULATION RESISTANCE: 100 MΩ-KM MIN. AT 20°C													
4. DIELECTRICAL STRENGTH: 500VAC/1 MINUTE													
USB2.0 TWIST PAIR													
5. DIFFERENTIAL IMPEDANCE: 90Ω±15%													
6. DELAY: 5.2 ns/M													
7. DELAY SKEW: 100ps													
8. ATTENUATION:													
FREQ.(MHZ)	.064	.256	.512	.772	1	4	8	12	24	48	96	200	400
dB/cable	.08	.11	.13	.15	.20	.39	.57	.67	.95	1.35	1.90	3.2	5.8
PHYSICAL CHARACTERISTICS													
1. STORAGE TEMPERATURE: -10°C~+80°C													
2. OPERATING TEMPERATURE: -10°C~+80°C													
3. MIN BEND RADIUS: 10X OD													
4. FLAME TEST: UL VW-1													
5. BENDING TEST: 10,000 cycles MIN. (LOAD=250g, R=12.7mm, ANGLE=±90°, FREQ.=14cycles/min)													
6. CABLE TO BE RoHS COMPLIANT.													
PACKAGE													
MODEL NO.	LENGTH	PACKAGING											
BU2HF-2824BK-100F	100 FEET	POLY BAG											
BU2HF-2824BK-500F	500 FEET	POLY BAG or SPOOL											
BU2HF-2824BK-1000F	1,000 FEET	POLY BAG or SPOOL											