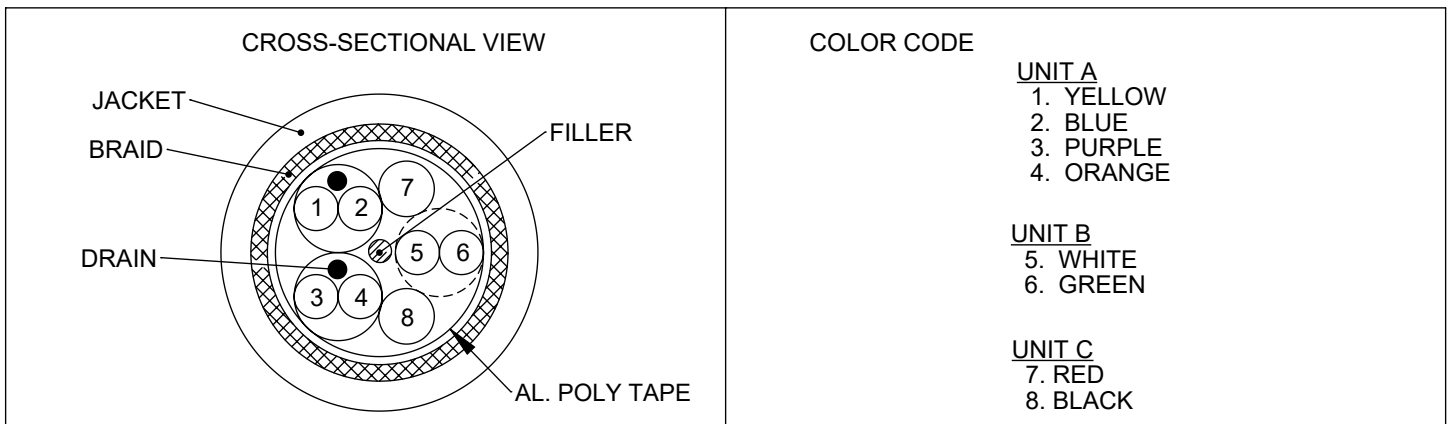


USB BULK CABLE SPECIFICATION



DESCRIPTION: UL STYLE 20276, USB BULK 3.0 30/24 PVC BLU

ITEM	UNIT A	UNIT B	UNIT C	
CONSTRUCTION AWG	30 AWG	30 AWG	24 AWG	
CONDUCTORS	CONDUCTOR SIZE, IN [MM]	7/.004 ± .0003 [.10 ± .008]	7/.004 ± .0003 [.10 ± .008]	7/.008 ± .0003 [.20 ± .008]
	MATERIAL	TINNED COPPER	TINNED COPPER	TINNED COPPER
	DIAMETER, IN [MM]	.012 [.30]	.012 [.30]	.024 [.60]
INSULATION	MATERIAL	HD-FMPE	HD-PE	SR-PVC
	AVG. THICK, IN [MM]	.008 [.20]	.005 [.13]	.008 [.20]
	DIAMETER, IN [MM]	.028 ± .003 [.70 ± .08]	.022 ± .003 [.55 ± .08]	.043 ± .003 [1.10 ± .08]
DRAIN	MATERIAL	TINNED COPPER	-	-
	CONDUCTOR SIZE, IN [MM]	7/.004 ± .0003 [.10 ± .008]	-	-
INNER TAPE	MATERIAL	AL. POLY + HOT-PET	-	-
	OVERLAP	25% MIN.	-	-
FILLER	MATERIAL	COTTON		
OUTER TAPE	MATERIAL	AL. POLY TAPE		
	OVERLAP	25% MIN.		
BRAID SHIELD	MATERIAL	TINNED COPPER		
	SIZE	16*6/.004 ± .0003 [.10 ± .008] (65% MIN.)		
JACKET	MATERIAL	PVC		
	AVG. THICK, IN [MM]	.020 [.51] REF.		
	DIAMETER, IN [MM]	.217 ± .008 [5.5 ± .20]		
	COLOR	BLUE(PANTONE 300C)		
MARKING	USB3.0 Cable (UL FILE NUMBER) AWM 20276 80°C 30V VW-1			

USB BULK CABLE SPECIFICATION

DESCRIPTION: UL STYLE 20276, USB BULK 3.0 30/24 PVC BLU		
ELECTRICAL CHARACTERISTICS		
1. VOLTAGE RATING: 30V		
2. CONDUCTOR RESISTANCE: 381 Ω/KM MAX. AT 20°C(30AWG); 94.2 Ω/KM MAX. AT 20°C(24AWG)		
3. INSULATION RESISTANCE: 100 MΩ-KM MIN. AT 20°C(PE); 10 MΩ-KM MIN. AT 20°C(PVC)		
4. DIELECTRICAL STRENGTH: 500VAC/1 MINUTE		
USB2.0 UNSHIELD 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
USB3.0 SHIELD TWIST PAIR		
9. DIFFERENTIAL IMPEDANCE: 90±7Ω		
10. INTRA-PAIR SKEW: 15ps/M		
11. ATTENUATION:		
FREQ.(MHZ)	100	1250 2500 7500
dB/2M	1.5	5.0 7.5 25
12. DIFFERENTIAL TO COMMON MODE: 20 dB/cable @0.1~7.5GHz		
PHYSICAL CHARACTERISTICS		
1. STORAGE TEMPERATURE: -20°C~+80°C		
2. OPERATING TEMPERATURE: -10°C~+80°C		
3. MIN BEND RADIUS: 6X OD		
4. FLAME TEST: UL VW-1		
5. CABLE TO BE RoHS COMPLIANT.		
PACKAGE		
MODEL NO.	LENGTH	PACKAGING
BU3-3024BL-100F	100 FEET	POLY BAG
BU3-3024BL-500F	500 FEET	POLY BAG or SPOOL
BU3-3024BL-1000F	1,000 FEET	POLY BAG or SPOOL