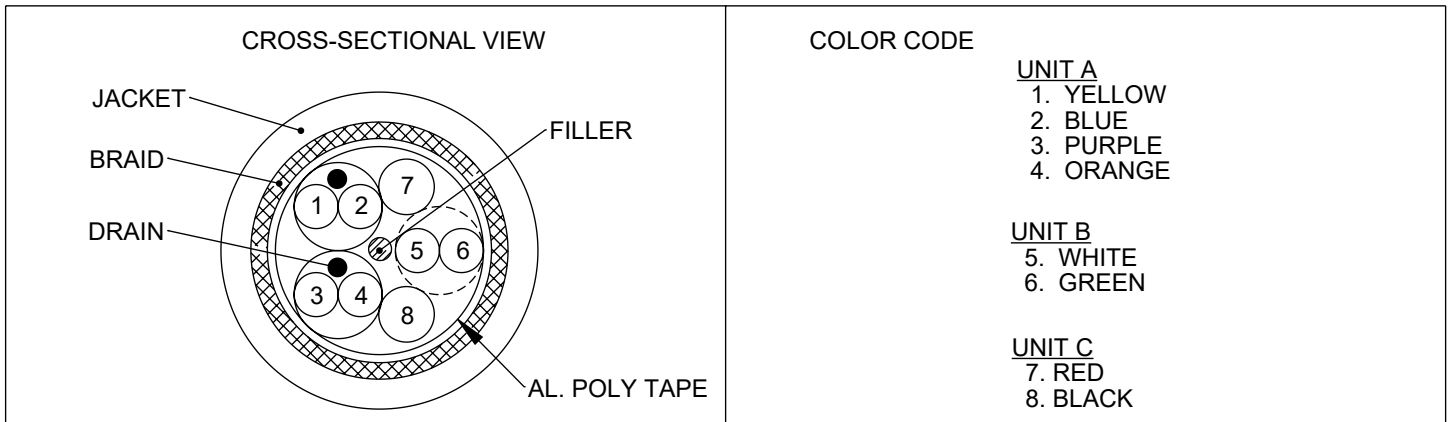



USB BULK CABLE SPECIFICATION



DESCRIPTION: UL STYLE 2725, USB BULK 3.1 32/26 PVC BLK

ITEM	UNIT A	UNIT B	UNIT C	
CONSTRUCTION AWG	32 AWG	32 AWG	26 AWG	
CONDUCTORS	CONDUCTOR SIZE, IN [MM]	71.003 ± .0003 [.08 ± .008]	71.003 ± .0003 [.08 ± .008]	71.006 ± .0003 [.16 ± .008]
	MATERIAL	TINNED COPPER	TINNED COPPER	TINNED COPPER
	DIAMETER, IN [MM]	.009 [.24]	.009 [.24]	.019 [.48]
INSULATION	MATERIAL	PE	HDPE	PP
	AVG. THICK, IN [MM]	.007 [.18]	.005 [.12]	.006 [.15]
	DIAMETER, IN [MM]	.026 ± .002 [.65 ± .05]	.018 ± .002 [.45 ± .05]	.031 ± .002 [.80 ± .05]
DRAIN	MATERIAL	TINNED COPPER	-	-
	CONDUCTOR SIZE, IN [MM]	71.003 ± .0003 [.08 ± .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*4/.004 ± .0003 [.10 ± .008] (60%)		
JACKET	MATERIAL	PVC		
	AVG. THICK, IN [MM]	.012 [.30] REF.		
	DIAMETER, IN [MM]	.165 ± .006 [4.2 ± .15]		
	COLOR	BLACK		
MARKING	SUPER HIGH SPEED USB3.1 CABLE (UL FILE NUMBER)  AWM 2725 80°C 30V VW-1			

USB BULK CABLE SPECIFICATION

DESCRIPTION: UL STYLE 2725, USB BULK 3.1 32/26 PVC BLK

**ELECTRICAL CHARACTERISTICS**

1. VOLTAGE RATING: 30V
2. CONDUCTOR RESISTANCE: 594 Ω/KM MAX. AT 20°C(32AWG); 140 Ω/KM MAX. AT 20°C(26AWG)
3. INSULATION RESISTANCE: 100 MΩ-KM MIN. AT 20°C
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:

<b>FREQ.(MHZ)</b>	.064	.256	.512	.772	1	4	8	12	24	48	96	200	400
<b>dB/cable</b>	.08	.11	.13	.15	.20	.39	.57	.67	.95	1.35	1.90	3.2	5.8

**USB3.1 GEN 1 SHIELD TWIST PAIR**

9. DIFFERENTIAL IMPEDANCE: 90 ±7Ω
10. INTRA-PAIR SKEW: 15ps/M
11. ATTENUATION:

<b>FREQ.(MHZ)</b>	100	1250	2500	7500
<b>dB/1M</b>	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~+70°C
3. MIN BEND RADIUS: 8X OD
4. FLAME TEST: UL VW-1
5. CABLE TO BE RoHS COMPLIANT.

**PACKAGE**

MODEL NO.	LENGTH	PACKAGING
BU31-3226BK-100F	100 FEET	POLY BAG
BU31-3226BK-500F	500 FEET	POLY BAG or SPOOL
BU31-3226BK-1000F	1,000 FEET	POLY BAG or SPOOL