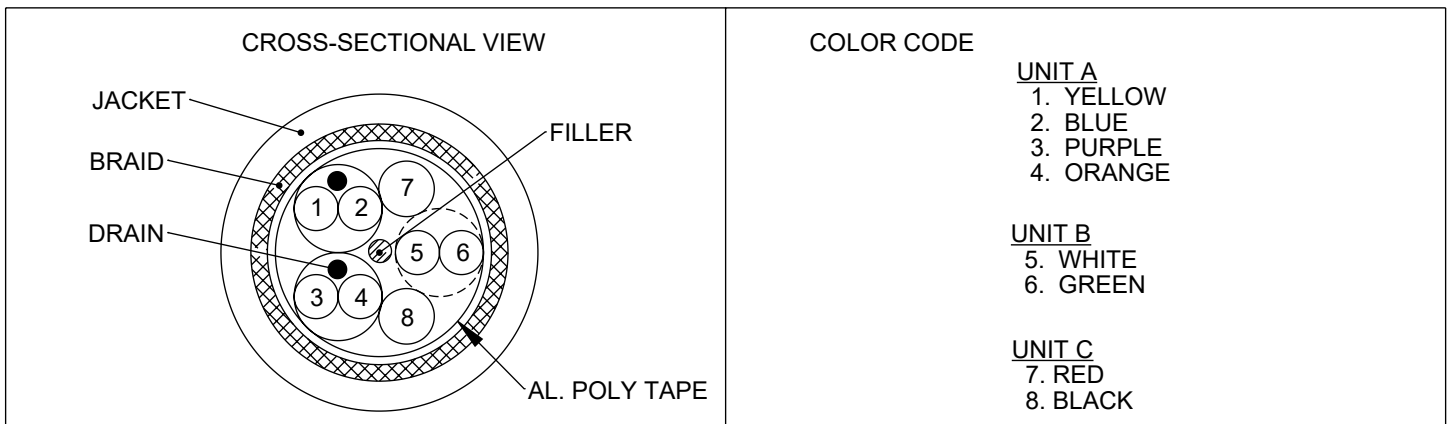


USB BULK CABLE SPECIFICATION



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: | | |
| 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 |
| USB3.1 GEN 1 SHIELD TWIST PAIR | | |
| 9. DIFFERENTIAL IMPEDANCE: 90 ±7Ω | | |
| 10. INTRA-PAIR SKEW: 15ps/M | | |
| 11. ATTENUATION: | | |
| FREQ.(MHZ) | 100 | 1250 2500 7500 |
| dB/1M | 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 |