**Wire Specification Sheet**

**Aiphone Part # 821803**

**Description:** 18 AWG 3 conductors 7 strands bare copper wire with PVC insulation, shielded and an overall PVC jacket for low-voltage electronic cable applications.

1. **Conductor**
   1.1. AWG Size & Stranding: 18 AWG 7 Strands Class B
   1.2. Material: Annealed Bare Copper
   1.3. Conductor Count: 3 Conductors

2. **Insulation**
   2.1. Material: Polyvinylchloride
   2.2. Wall Thickness: 0.008”
   2.3. Color Code: Black, Red, Green

3. **Cable Assembly**
   3.1. Nominal Lay Length: 3.00” LHL (4.00 Tw/Ft)
   3.2. Shield: Aluminum/Mylar Tape - 100% Coverage
   3.3. Drain Wire: 22 AWG 7 Strands Tinned Copper

4. **Jacket**
   4.1. Material: Polyvinylchloride
   4.2. Wall Thickness: 0.015”
   4.3. Diameter: 0.165” ± .010”
   4.4. Color: Gray
   4.5. Ripcord: Yes
   4.6. Weight: 26 Lbs/Mft

5. **Markings**
   5.1. Type: Cable permanently identified via surface inkjet print
   5.2. Legend: AIPHONE P/N 821803 E171202 18AWG 3C 75°C (UL)
   CL3R SUN RES OR FPLR OR
   C(UL)US CMR FT-4 “ROHS II” MADE IN USA
   5.3. Footage Markers: Yes

6. **Standards**
   6.1. Refer to NEC (NFPA 70) article 725, 760 and article 800 for installation guidelines
   6.2. UL listed as type CL3R per UL standard 13, type CMR c(UL)us 75°C per UL
standard 444, and as type FPLR per UL standard 1424
6.3. All materials used in the manufacturing of this cable are RoHS II and REACH compliant
6.4. Maximum Operating Voltage: 300V RMS
6.5. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION

ALL MEASUREMENTS ARE NOMINAL