**Wire Specification Sheet**

**Aiphone Part #** 812216

**Description:** 22 AWG 16 conductors 7 strands bare copper wire with PVC insulation, unshielded and an overall PVC jacket for low-voltage electronic cable applications.

1. **Conductor**
   1.1. **AWG Size & Stranding:** 22 AWG 7 Strands Class B
   1.2. **Material:** Annealed Bare Copper
   1.3. **Conductor Count:** 16 Conductors

2. **Insulation**
   2.1. **Material:** Polyvinylchloride
   2.2. **Wall Thickness:** 0.007”
   2.3. **Color Code:** Black, Red, Green, White, Orange, Yellow, Blue, Purple, Gray, Pink, Brown, Tan, Red/Green, Red/Yellow, Red/Black, White/Black

3. **Cable Assembly**
   3.1. **Nominal Lay Length:** 4.00” LHL (3.00 Tw/Ft)
   3.2. **Shield:** N/A
   3.3. **Drain Wire:** N/A

4. **Jacket**
   4.1. **Material:** Polyvinylchloride
   4.2. **Wall Thickness:** 0.015”
   4.3. **Diameter:** 0.230” ± .020”
   4.4. **Color:** Gray
   4.5. **Ripcord:** Yes
   4.6. **Weight:** 50 Lbs/Mft

5. **Markings**
   5.1. **Type:** Cable permanently identified via surface inkjet print
   5.2. **Legend:** AIPHONE P/N 812216 E171202 22AWG 16C 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
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