



*Communication Systems*

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6670 185<sup>th</sup> Ave NE \* Redmond, WA 98052 \* (425) 455-0510 \* (800) 692-0200

## **Wire Specification Sheet**

### **Aiphone Part # 822203**

**Description:** 22 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: 22 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: 24 AWG 7 Strands Tinned Copper

#### **4. Jacket**

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.126" ± .010"
- 4.4. Color: Gray
- 4.5. Ripcord: Yes
- 4.6. Weight: 14 Lbs/Mft

#### **5. Markings\***

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: AIPHONE P/N 822203 E171202 22AWG 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***