



*Communication Systems*

---

1700 130<sup>th</sup> Ave NE, Bellevue, WA 98005 (425) 455-0510 FAX (425) 455-0071 (800) 692-0200

## **Aiphone Wire # 871802P**

**Description:** 18 gauge 2 conductors solid bare copper wire with .011" Foamed FEP insulation, non-shielded. Overall .015" natural SGPVC jacket. (UL) CMP/CL3P/FPLP Suggesting working voltage 300v

### **1. Conductor**

- 1.1 Awg size & stranding: 18 Awg solid
- 1.2 Material: Bare copper

### **2. Insulation**

- 2.1 Material: Foam FEP
- 2.2 Wall thickness: .011"

### **3. Color Code**

- 3.1 Code: Black & Red

### **4. Assembly**

- 4.1 Pairs Lay Length: 3.00"
- 4.2 Binder: N/A
- 4.3 Shield: N/A
- 4.4 Drain: N/A

### **5. Jacket**

- 5.1 Material: SGPVC
- 5.2 Wall thickness: .015"
- 5.3 Diameter: Nominal .1558"
- 5.4 Color: Natural
- 5.5 Weight: 19 lbs per mft.
- 5.6 Ripcord: Yes

### **6. Markings**

- 6.1 Type: Cables shall be identified by means of surface inkjet.
- 6.2 Legend: Aiphone 871802P E# Awg size & # of conductors, (UL) CMP/CL3P/FPLP C(UL) 60'C SEQUENTIAL FOOTAGE MARKING

### **7. Electrical Characteristics**

- 7.1 Capacitance: 13.00 pF/ft
- 7.2 D.C. Resistance: 6.52  $\Omega$  per 1000 feet at 68°F

*ALL MEASUREMENTS ARE NOMINAL*

Date: October 12, 2005

Written by: EM