Wire Specification Sheet

Aiphone Part # 871802P

Description: 18 AWG 2 conductor solid bare copper wire, plenum rated PVC insulation, with an overall plenum rated PVC jacket

1. Conductor
   1.1. AWG Size & Stranding: 18 AWG Solid
   1.2. Material: Annealed Bare Copper
   1.3. Conductor Count: 2 Conductors

2. Insulation
   2.1. Material: Plenum Rated Polyvinylchloride
   2.2. Wall Thickness: 0.011”
   2.3. Color Code: Black, Red

3. Assembly
   3.1. Nominal Lay Length: 3.00” LHL (4.00 Tw/Ft)

4. Jacket
   4.1. Material: Plenum Rated Polyvinylchloride
   4.2. Wall Thickness: 0.015”
   4.3. Diameter: 0.155” ± 0.010”
   4.4. Color: Natural
   4.5. Ripcord: Yes
   4.6. Weight: 18 Lbs/Mft

5. Markings*
   5.1. Type: Cable shall be permanently identified via surface inkjet print
   5.2. Legend: AIPHONE P/N 871802P “PLENUM” E171202 18AWG 2C 75°C (UL) CL3P OR FPLP OR C(UL)US CMP FT-6 “ROHS COMPLIANT” MADE IN USA
   5.3. Footage Markers: Yes

6. Electricals
   1.1. Impedance: 98 Ω ± 10%
   1.2. Capacitance: 13 pF/ft
   1.3. DC Resistance: 6.39 Ω/Mft @ 20°C

7. Standards
7.1. Cable suitable for installation under NEC (NFPA 70 & 262) article 760 and article 800 for guidelines
7.2. UL listed as CMP c(UL)us per UL standard 444, CL3P per UL standard 13 and FPLP per UL standard 1424
7.3. All materials used in the manufacture of this cable are RoHS II and REACH compliant
7.4. Maximum Operating Voltage: 300V RMS
7.5. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION

ALL MEASUREMENTS ARE NOMINAL