Wire Specification Sheet

Aiphone Part # 872002P

Description: 20 AWG 2 conductor solid bare copper wire, FEP insulation, unshielded, and an overall plenum rated PVC jacket

1. Conductor
   1.1. AWG Size & Stranding: 20 AWG Solid
   1.2. Material: Annealed Bare Copper
   1.3. Conductor Count: 2 Conductors

2. Insulation
   2.1. Material: Fluorinated Ethylene Propylene
   2.2. Wall Thickness: 0.008”
   2.3. Color Code: Black, Red

3. Assembly
   3.1. Nominal Lay Length: 1.50” LHL (8.0 tw/ft)
   3.2. Shield: N/A
   3.3. Drain Wire: N/A

4. Jacket
   4.1. Material: Plenum Rated Polyvinylchloride
   4.2. Wall Thickness: 0.015”
   4.3. Diameter: 0.126” ± 0.010”
   4.4. Color: Natural
   4.5. Ripcord: Yes
   4.6. Weight: 13 Lbs/Mft

5. Markings*
   5.1. Type: Cable permanently identified via surface inkjet print
   5.2. Legend: AIPHONE P/N 872002P E171202 20AWG 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 Characteristics
   6.1. Impedance: 83 Ω ± 10%
   6.2. Capacitance: 18 pF/ft ± 10%
   6.3. DC Resistance: 10.1 Ω/Mft @ 20°C
7. Standards
7.1. Refer to NEC (NFPA 70) article 725 and article 800 for installation 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 & 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