



1700 130th Ave NE, Bellevue, WA 98005 (425) 455-0510 (800) 692-0200

Aiphone Wire # 872002P (Plenum)

Description: 20 AWG, 2 conductor unshielded plenum rated cable constructed with solid bare copper, FEP insulation and an overall polyvinylchloride jacket for data communications / applications manufactured in the USA and (UL) listed FPLP, CL3P or CMP c(UL)us 75°C, FT-6.

1. Conductor

- 1.1 AWG & Stranding: 20 AWG, Solid
- 1.2 Material: Annealed Bare Copper

2. Insulation

- 2.1 Material: FEP
- 2.2 Wall Thickness: 0.008"

3. Color Code

- 3.1 Code: Red, White

4. Assembly

- 4.1 Cable Lay Length: 1.50" LHL
- 4.2 Cable Shield: N/A
- 4.3 Cable Drain Wire: N/A
- 4.4 Cable Binder: N/A

5. Jacket

- 5.1 Material: Plenum Rated Polyvinylchloride (SGPVC)
- 5.2 Wall Thickness: 0.015"
- 5.3 Diameter: 0.127"
- 5.4 Color: Natural
- 5.5 Weight: 14 lbs./Mft.

6. Markings

- 6.1 Type: Cable shall be permanently identified via surface inkjet print
- 6.2 Legend: AIPHONE P/N 872002P10C E171197 20AWG 2C (UL) FPLP OR CL3P OR CMP C(UL)US 75°C FT-6 "ROHS"

7. Electricals

- 7.1 Impedance: 83 Ω
- 7.2 Capacitance: 18.0 pF/ft. +/-10%
- 7.3 DC Resistance: 10.1 Ω/Mft. @ 20°C

8. Standards

- 8.1 UL listed as Type FPLP or CL3P or CMP c(UL)us 75°C, FT-6
- 8.2 All materials used in the manufacture of this cable are RoHS compliant

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION