



Communication Systems

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Wire Specification Sheet

Aiphone Part # 871804P

Description: 18 AWG 4 conductors solid bare copper wire with FEP insulation, unshielded and an overall plenum rated PVC jacket for low-voltage electronic cable applications.

1. Conductor

- 1.1. AWG Size & Stranding: 18 AWG Solid
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 4 Conductors

2. Insulation

- 2.1. Material: FEP
- 2.2. Wall Thickness: 0.007"
- 2.3. Color Code: Black, Red, Green, White

3. Cable Assembly

- 3.1. Nominal Lay Length: 2.00" LHL (6.0 Tw/Ft)
- 3.2. Shield: N/A
- 3.3. Drain Wire: N/A

4. Jacket

- 4.1. Material: Polyvinylchloride
- 4.2. Wall Thickness: 0.015"
- 4.3. Diameter: 0.161" ± .010"
- 4.4. Color: Natural
- 4.5. Ripcord: Yes
- 4.6. Weight: 31 Lbs/Mft

5. Markings*

- 5.1. Type: Cable permanently identified via surface inkjet print
- 5.2. Legend: AIPHONE P/N 871804P E171202 18AWG 4C 75°C (UL)
CL3P OR FPLP OR C(UL)US CMP FT-6 "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 CL3P per UL standard 13, type CMP c(UL)us 75°C per UL

standard 444, and as type FPLP 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