Wire Specification Sheet

Aiphone Part # 822220

Description: 22 AWG 20 conductors 7 strands bare copper wire with PVC insulation, shielded and an overall PVC jacket for low-voltage electronic cable applications.

1. Conductor
   1.1. AWG Size & Stranding: 22 AWG 7 Strands Class B
   1.2. Material: Annealed Bare Copper
   1.3. Conductor Count: 20 Conductors

2. Insulation
   2.1. Material: Polyvinylchloride
   2.2. Wall Thickness: 0.009”
   2.3. Color Code: Black, Brown, Red, Orange, Yellow, Green, Blue, Purple, Gray, White, Pink, Tan, Red/Black, Red/Yellow, Red/Mint Green, White/Black, White/Red, White/Orange, White/Blue, White/Mint Green

3. Cable Assembly
   3.1. Nominal Lay Length: 3.75” LHL (3.2 Tw/Ft)
   3.2. Shield: Aluminum/Mylar Tape - 100% Coverage
   3.3. Drain Wire: 24 AWG 7 Strands Tinned Copper

4. Jacket
   4.1. Material: Polyvinylchloride
   4.2. Wall Thickness: 0.020”
   4.3. Diameter: 0.283” ± .020”
   4.4. Color: Gray
   4.5. Ripcord: Yes
   4.6. Weight: 70 Lbs/Mft

5. Markings*
   5.1. Type: Cable permanently identified via surface inkjet print
   5.2. Legend: AIPHONE P/N 822220 E171202 22AWG 20C 75°C (UL) CL3R SUN RES OR FPLR OR C(UL)US CMR FT-4 “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 CL3R per UL standard 13, type CMR c(UL)us 75°C per UL standard 444, and as type FPLR 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**