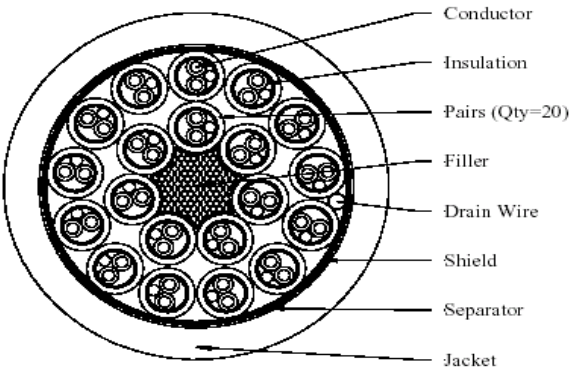


20 Pair 24 AWG Individually Jacketed Snake Cable



CONSTRUCTION

Pair Component

Conductor: 24 AWG 7/32 Tin Plated Copper, 0.024 Inch Diameter

Insulation: 0.008 Inches of Polypropylene, 0.040 Inch Diameter

Pair: 2 Insulated Conductors Twisted Together

Drain Wire: 24 AWG 7/32 Tin Plated Copper, 0.024 Inch Diameter

Pair Shield: Heat-Sealed Aluminum/Polyester Tape, Aluminum Side Facing In, 25% Overlap,

Pair Jacket: 0.014 Inches of Pressure-Extruded PVC, Color – Black

Pair Diameter: 0.110 ± 0.003 Inches

Pair Identification Print (White Ink): See Color Code Table

Final Assembly

Core: Fibrillated Polypropylene Filler

Layer 1: 7 Pairs Cabled Around Core

Layer 2: 13 Pairs Cabled Around Layer 1

Drain Wire: 18 AWG 7/26 Tin Plated Copper, 0.048 Inch Diameter

Shield: Aluminum/Polyester Tape, Aluminum Side Facing In, 25% Overlap

Ripcord: Applied Under Jacket

Separator: Non-Woven Nylon Tape

Jacket: 0.065 Inches of Pressure-Extruded Flexible PVC, Color – Black

Diameter: 0.690 Inches Nominal

Print Legend (White Ink): “[Footage Marking]¹ TYPE CM 24 AWG (UL) E111018 C(UL) TYPE CM CA-0361 20 Channel 24 AWG Shielded Flexible Snake Cable Made in The U.S.A. {Date Code}^{2*}”

¹ Sequential Footage Marking printed at the beginning of print legend.

² Date Code is a 4-digit code with the first two digits identifying the calendar week and the last two identifying the calendar year of manufacturing. Example: 02/00 for cable manufactured in January, 2000. And printed at the end of print legend.

COLOR CODE

| Pair # | Conductor #1 | Conductor #2 | Pair Identification Print |
|--------|--------------|--------------|-----------------------------|
| 1 | Red | Black | 1 – One – Brown |
| 2 | Red | Black | 2 – Two – Red |
| 3 | Red | Black | 3 – Three – Orange |
| 4 | Red | Black | 4 – Four – Yellow |
| 5 | Red | Black | 5 – Five – Green |
| 6 | Red | Black | 6 – Six – Blue |
| 7 | Red | Black | 7 – Seven – Purple |
| 8 | Red | Black | 8 – Eight – Gray |
| 9 | Red | Black | 9 – Nine – White |
| 10 | Red | Black | 10 – Ten – Black |
| 11 | Red | Black | 11 – Eleven – Tan |
| 12 | Red | Black | 12 – Twelve – Pink |
| 13 | Red | Black | 13 – Thirteen – Gray/Brown |
| 14 | Red | Black | 14 – Fourteen – Gray/Red |
| 15 | Red | Black | 15 – Fifteen – Gray/Orange |
| 16 | Red | Black | 16 – Sixteen – Gray/Yellow |
| 17 | Red | Black | 17 – Seventeen – Gray/Green |
| 18 | Red | Black | 18 – Eighteen – Gray/Blue |
| 19 | Red | Black | 19 – Nineteen – Gray/Purple |
| 20 | Red | Black | 20 – Twenty – Gray/Gray |

ELECTRICAL CHARACTERISTICS

Differential Impedance: 50 Ohms Nominal @ TDR

Conductor to Conductor Capacitance: 31 pF/ft Nominal @ 1 kHz

Conductor to Other Conductor & Shield Capacitance: 58 pF/ft Nominal @ 1 kHz

Velocity of Propagation: 66% Nominal

Conductor DC Resistance: 0.024 Ohms/ft Nominal @ 20°C

SAFETY CERTIFICATION

UL Listing: Type CM as specified in Article 800 of the National Electrical Code

C(UL) Listing: Type CM