

Analog Multi-Pair Snake Cable

FlexSnake® Super-Flexible, High-Performance Cables
Individually Shielded and Jacketed Twisted Pairs



Individually Shielded and Jacketed Pairs

Not NEC Rated

Product Description

24 AWG stranded (41x40) bare copper conductor. Polyolefin insulation. Twisted pairs individually shielded with double serve "French Braid" (93% coverage) with tinned copper drain wire. Pairs have numbered and color-coded PVC jackets (see Chart 7 in Technical Information Section for colors). Overall Black PVC jacket.

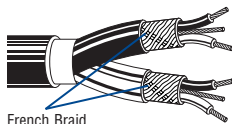
Color Code: Red, Black.

Specifications

| | |
|--|----------------------|
| Nominal OD — Conductor | .023" (.58mm) |
| Nominal OD — Insulation | .040" (1.02mm) |
| Inner Pair Jacket OD | .119" (3.02mm) |
| Nominal DCR | |
| Conductor | 25.5Ω/M' (83.7Ω/km) |
| Shield (Inner Pair) | 7.2Ω/M' (23.6Ω/km) |
| Voltage Rating | 300V RMS |
| Temperature Rating | 60°C |
| Nominal Impedance | 60Ω |
| Nominal Velocity of Propagation | 66% |
| Nominal Capacitance | |
| Between Conductors | 26 pF/Ft. (85 pF/m) |
| Between Conductor/Shield* | 47 pF/Ft. (154 pF/m) |

DCR = DC Resistance

*Capacitance between one conductor and other conductors connected to shield.



French Braid

| Part No. | No. of Pairs | Standard Lengths | | Standard Unit Weight | | Nominal OD | |
|----------|--------------|------------------|---|----------------------|----|------------|----|
| | | Ft. | m | Lbs. | kg | Inch | mm |

FlexSnake Super-Flexible Twisted Pairs

| 24 AWG | | | | | | | |
|--------------|----|--------|-------|-------|-------|------|-------|
| 1902A | 2 | 250 | 76.2 | 12.0 | 5.5 | .330 | 8.38 |
| | | 500 † | 152.4 | 27.5 | 12.5 | | |
| | | 1000 † | 304.8 | 53.0 | 24.1 | | |
| 1904A | 4 | 250 | 76.2 | 19.8 | 9.0 | .372 | 8.45 |
| | | 500 † | 152.4 | 40.5 | 18.4 | | |
| | | 1000 † | 304.8 | 78.0 | 35.5 | | |
| 1906A | 6 | 250 | 76.2 | 28.5 | 12.9 | .449 | 11.40 |
| | | 500 † | 152.4 | 55.5 | 25.2 | | |
| | | 1000 † | 304.8 | 111.0 | 50.5 | | |
| 1908A | 8 | 250 | 76.2 | 36.0 | 16.3 | .482 | 12.20 |
| | | 500 † | 152.4 | 72.5 | 32.9 | | |
| | | 1000 † | 304.8 | 141.0 | 64.0 | | |
| 1912A | 12 | 250 | 76.2 | 51.8 | 23.5 | .602 | 15.30 |
| | | 500 † | 152.4 | 102.5 | 46.6 | | |
| | | 1000 † | 304.8 | 202.0 | 91.6 | | |
| 1916A | 16 | 250 | 76.2 | 71.0 | 32.2 | .683 | 17.30 |
| | | 500 † | 152.4 | 138.0 | 62.7 | | |
| | | 1000 † | 304.8 | 279.0 | 126.6 | | |
| 1924A | 24 | 250 | 76.2 | 108.0 | 49.0 | .825 | 21.00 |
| | | 500 † | 152.4 | 214.5 | 97.3 | | |
| | | 1000 † | 304.8 | 437.0 | 198.2 | | |
| 1932A | 32 | 250 | 76.2 | 135.3 | 61.4 | .968 | 24.60 |
| | | 500 † | 152.4 | 274.0 | 124.3 | | |
| | | 1000 † | 304.8 | 539.0 | 244.5 | | |

†Length may vary -10% to +0% from length shown.