

AES/EBU Digital Audio Cable

Plenum-Rated, Multi-Pair Snake Cables
Individually Shielded Pairs



Individually Shielded Pairs

NEC: CMP (CEC: CMP FT6)

Product Description

24 AWG stranded (7x32) tinned copper conductors. Foam FEP insulation. Twisted pairs individually Beldfoil® shielded (100% Coverage). Overall Gray fluorocopolymer jacket (except 82729 which has Natural Flammarrest® jacket). 24 AWG stranded tinned copper drain wire.

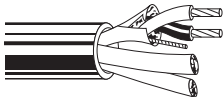
Color Code: See Chart 5 (in Technical Information Section)

Specifications

| | |
|--|-------------------------|
| Nominal OD — Conductor | .024" (.60mm) |
| Nominal OD — Insulation | .062" (1.57mm) |
| Approvals | |
| NEC | CMP |
| CEC | CMP FT6 |
| UL Ratings | Non-conduit |
| Voltage Rating | 300V RMS |
| Nominal DCR | |
| Conductor | 23.3Ω/M' (76.4Ω/km) |
| Shield | 14.4Ω/M' (47.2Ω/km) |
| Nominal Impedance | 100Ω |
| Nominal Velocity of Propagation | 76% |
| Nominal Capacitance | |
| Between Conductors | 13.5 pF/Ft. (44 pF/m) |
| Between Conductor/Shield* | 22.5 pF/Ft. (73.8 pF/m) |

DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene

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



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

Plenum Individually Shielded NEC: CMP (CEC: CMP FT6)

| 24 AWG | | | | | | | |
|--------------|----|--------|---------|-------|------|------|-------|
| 82729 | 2 | U-1000 | U-304.8 | 26.0 | 11.8 | .255 | 6.48 |
| | | 1000 | 304.8 | 28.0 | 12.7 | | |
| 89729 | 2 | 500 | 152.4 | 17.0 | 7.7 | .261 | 6.63 |
| | | 1000 | 304.8 | 31.0 | 14.1 | | |
| 89730 | 3 | 500 | 152.4 | 21.5 | 9.8 | .278 | 7.06 |
| | | 1000 | 304.8 | 40.0 | 18.2 | | |
| 89728 | 4 | 500 | 152.4 | 26.5 | 12.0 | .307 | 7.80 |
| | | 1000 | 304.8 | 50.0 | 22.7 | | |
| 89705 | 5 | 500 | 152.4 | 30.5 | 13.9 | .333 | 8.46 |
| | | 1000 | 304.8 | 62.0 | 28.2 | | |
| 89731 | 6 | 500 | 152.4 | 35.0 | 15.9 | .361 | 9.17 |
| | | 1000 | 304.8 | 71.0 | 32.3 | | |
| 89757 | 7 | 500 | 152.4 | 39.5 | 18.0 | .361 | 9.17 |
| | | 1000 | 304.8 | 80.0 | 36.4 | | |
| 89732 | 9 | 1000 | 304.8 | 108.0 | 49.0 | .433 | 10.99 |
| 89734 | 12 | 500 | 152.4 | 71.0 | 32.3 | .498 | 12.65 |
| | | 1000 | 304.8 | 140.0 | 63.6 | | |
| 89758 | 18 | 500 | 152.4 | 100.5 | 45.7 | .616 | 15.65 |
| | | 1000 | 304.8 | 204.0 | 92.7 | | |

Spools are one piece, but length may vary ±10% from length shown.
Unreel® carton may vary -5% to +10% from length shown.

