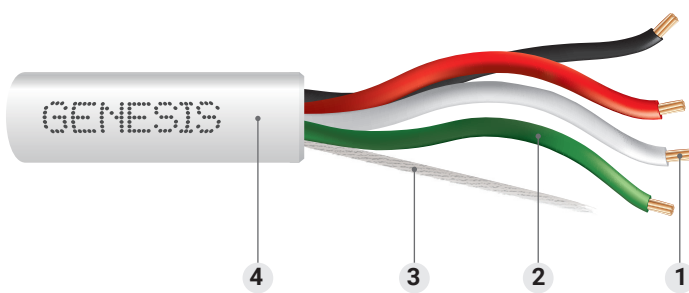


Multiconductor Unshielded Cable Plenum

-GENESIS-

Genesis Unshielded Multiconductor Cables offer a versatile solution for various signal and limited-power transmission applications.



Construction

- 1. Conductor:** Bare Copper conductors for excellent conductivity and low voltage drop
- 2. Insulation:** Low-Smoke PVC
- 3. Rip Cord:** Durable rip cord for efficient jacket stripping and removal
- 4. Jacket:** Plenum PVC
Countdown® Length Markings for easy tracking of usage and remaining cable

Applications

In fabricated ducts as described in NEC 300.22(B)

In other spaces used for environmental air as described in NEC 300.22(C)

In risers

Within buildings in other than air-handling spaces and risers

Specifications

NFPA 262 – Plenum Rated

CSA C22.2 No. 2556 - FT6 Rated

UL 444 – Communication Cables, Type CMP (22 AWG – 16 AWG)

UL 1424 – Cables for Power-Limited Fire-Alarm Circuits, Type FPLP

UL 13 – Power-Limited Circuit Cables, Type CL3P

REACH/RoHS Compliant

Rated for 300 Volts

Rated for -20°C to 75°C

Conductor Color Codes: Multiconductor Cable

| Conductor Number | Color |
|------------------|--------|
| 1 | Black |
| 2 | Red |
| 3 | White |
| 4 | Green |
| 5 | Brown |
| 6 | Blue |
| 7 | Orange |
| 8 | Yellow |
| 9 | Purple |
| 10 | Gray |
| 11 | Pink |
| 12 | Tan |

Sample Print Legend

GENESIS P/N 31XX XXC XXAWG (ETL) CL3P OR FPLP OR CMP C(ETL)US FT6 75C
(RoHS) W/O #XXXXXX-XXXXXX XXXX FT A B C D E F 1 2 3 4 5 6 7 8 9

Multiconductor Unshielded Cable, Plenum

| Part Number | Conductor Size (AWG) | Number of Conductors | Stranding | Insulation Thickness (in.) | Jacket Thickness (in.) | Nominal Diameter (in.) | DC Resistance (Ohms/1000 ft. at 20 °C) | Capacitance (pF/ft.) |
|-------------|----------------------|----------------------|-----------|----------------------------|------------------------|------------------------|--|----------------------|
| 3103 | 22 | 4 | Solid | 0.006 | 0.015 | 0.122 | 18 | 17.6 |
| 3134 | 18 | 2 | Solid | 0.005 | 0.015 | 0.134 | 6.52 | 32.1 |
| 3102 | 22 | 2 | 7-strand | 0.006 | 0.015 | 0.116 | 16.9 | 26.0 |
| 3104 | 22 | 4 | 7-strand | 0.006 | 0.015 | 0.134 | 16.9 | 26.0 |
| 3106 | 22 | 6 | 7-strand | 0.006 | 0.015 | 0.151 | 16.9 | 26.0 |
| 3107 | 22 | 8 | 7-strand | 0.006 | 0.015 | 0.170 | 16.9 | 26.0 |
| 3108 | 22 | 10 | 7-strand | 0.006 | 0.015 | 0.187 | 16.9 | 26.0 |
| 3109 | 22 | 12 | 7-strand | 0.006 | 0.015 | 0.201 | 16.9 | 26.0 |
| 3114 | 18 | 2 | 19-strand | 0.007 | 0.015 | 0.150 | 6.66 | 32.2 |
| 3126 | 18 | 3 | 19-strand | 0.007 | 0.015 | 0.160 | 6.66 | 32.2 |
| 3115 | 18 | 4 | 19-strand | 0.007 | 0.015 | 0.175 | 6.66 | 32.2 |
| 3116 | 18 | 6 | 19-strand | 0.007 | 0.015 | 0.199 | 6.66 | 32.2 |
| 3117 | 18 | 8 | 19-strand | 0.007 | 0.015 | 0.225 | 6.66 | 32.2 |
| 3118 | 18 | 10 | 19-strand | 0.007 | 0.015 | 0.248 | 6.66 | 32.2 |
| 3121 | 16 | 2 | 19-strand | 0.006 | 0.015 | 0.172 | 4.19 | 34.6 |
| 3129 | 16 | 3 | 19-strand | 0.006 | 0.015 | 0.183 | 4.19 | 34.6 |
| 3122 | 16 | 4 | 19-strand | 0.006 | 0.015 | 0.201 | 4.19 | 34.6 |
| 3123 | 14 | 2 | 19-strand | 0.007 | 0.015 | 0.208 | 2.62 | 36.0 |
| 3124 | 14 | 4 | 19-strand | 0.007 | 0.015 | 0.245 | 2.62 | 36.0 |
| 3125 | 12 | 2 | 65-strand | 0.009 | 0.015 | 0.242 | 1.65 | 36.0 |

Genesis Cable

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