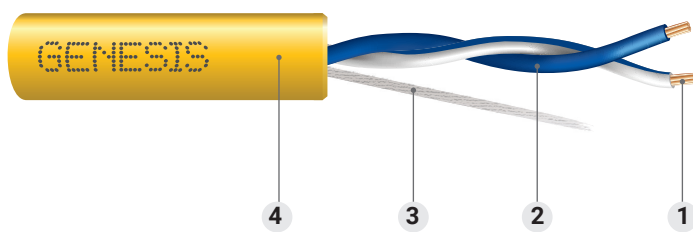


# LonWorks Cable

## Plenum

# -GENESIS-

Genesis Building Automation Cables deliver reliable high-speed data transmission and optimized performance for today's smart building networks. Designed for the Level IV LonWorks protocol.



### Construction

- 1. Conductor:** Bare Copper conductors for excellent signal transmission and low voltage drop
- 2. Insulation:** FEP
- 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
- 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: LonWorks Cable

Pair Number	Color
1	Blue/Blue+White

### Sample Print Legend

GENESIS P/N 325X 1PR 22AWG LEVEL 4 FOR USE IN LONWORKS NETWORKS (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

**LonWorks Cable, Plenum**

Part Number	Conductor Size (AWG)	Number of Conductors	Stranding	Insulation Thickness (in.)	Shielding	Jacket Thickness (in.)	Nominal Diameter (in.)	DC Resistance (Ohms/1000 ft. at 20 °C)	Capacitance (pF/ft.)	Weight (lbs./1000ft.)
3252	22	2 (1-pair)	7-strand	0.007	Unshielded	0.015	0.120	16.9	15.3	9.7
3254	22	2 (1-pair)	7-strand	0.022	Shielded	0.017	0.191	16.9	14.5	20.3

**Genesis Cable**

7701 95th Street  
 Pleasant Prairie, WI 53158  
 Office: 800.222.0060  
[www.genescable.com](http://www.genescable.com)



**-GENESIS-**