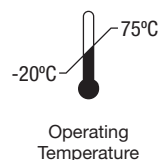
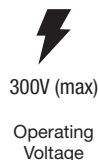


-GENESIS-

Limited-Energy Cable

RS-485 Shielded Cable PLENUM



APPLICATIONS

Genesis Building Automation Cable delivers reliable high-speed data transmission and optimized performance for today's smart building networks. Designed for the EIA-485 standard.



- 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

Genesis Building Automation Cable meets or exceeds the following 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

CONSTRUCTION

1. **Conductor:** Bare Copper or Tinned 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. **Shield:** Foil shield over all conductors
5. **Jacket:** Plenum PVC, Countdown® Length Markings for easy tracking of usage and remaining cable



CONDUCTOR COLORS BY NUMBER OF PAIRS

Pair 1: Black & White ● ○	Pair 1.5: Yellow ●
Except 3328: Black/Red ● ●, Blue/White ● ○	

-GENESIS-

Limited-Energy Cable

RS-485 SHIELDED CABLE, PLENUM

AWG	NUMBER OF PAIRS	SOLID / STRANDED	NOMINAL O.D. (in.)	DC RESISTANCE (Ohms/1000ft. at 20°C)	CAPACITANCE (pF/ft.)	WEIGHT (lbs./1000ft.)	PRODUCT NUMBER
UL LISTED, BARE COPPER CONDUCTORS							
24	1	7 strand	0.179	26.7	12.5	17.1	3319
22	1	7 strand	0.191	16.9	12.5	20.1	3320
18	1	19 strand	0.249	6.66	12.5	34.2	3322
24	1.5	7 strand	0.191	26.7	12.5	22.4	3323
22	1.5	7 strand	0.204	16.9	12.5	26.7	3324
22	2	7 strand	0.201	16.9	12.5	32.6	3328
ETL LISTED, TINNED COPPER CONDUCTORS							
22	1	7 strand	0.185	16.9	14.5	18.8	3251

SAMPLE PRINT LEGEND

GENESIS P/N 3XXX XPR or XC XAWG SHIELDED LOW CAP EIA/TIA 485 E57497 (UL) CL3P OR FPLP OR
CMP C(UL)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