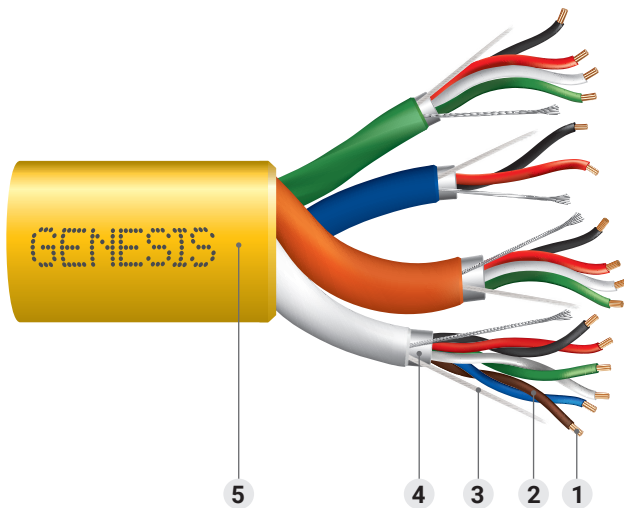


# Access Control Cable Plenum

# -GENESIS-

Genesis Access Control Cables simplify and expedite wiring of access points by combining individual lock power, door contact, card reader, and request-to-exit cables into a single, easy-to-pull bundle.



## Construction

- 1. Conductor:** Bare Copper conductors for excellent signal transmission and low voltage drop
- 2. Insulation:** Low-Smoke PVC
- 3. Rip Cord:** Durable rip cord for efficient jacket stripping and removal
- 4. Shield:** Available with card reader component shielded or all-component shielded configurations for extra protection in normal or noisy environments
- 5. Jacket:** Plenum PVC used for individual components in all configurations and for outer jacket in composite configurations. 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

## Sample Print Legends

**Outer Jacket:** GENESIS ACCESS CONTROL COMPOSITE P/N 3196 4C18AWG + 12C22AWG E175106 (UL) CL3P OR FPLP OR CMP C(UL)US FT6 75C (RoHS) W/O #XXXXXX-XXXXXX XXXX FT

**Card Reader:** GENESIS ACCESS CONTROL CARD READER P/N 3206 6C 22AWG SHIELDED E175106 (UL) CL3P OR FPLP OR CMP C(UL)US FT6 75C (RoHS) W/O #XXXXXX-XXXXXX XXXX FT

**Door Strike:** GENESIS ACCESS CONTROL DOOR STRIKE P/N 3115 4C 18AWG E175106 (UL) CL3P OR FPLP OR CMP C(UL)US FT6 75C (RoHS) W/O #XXXXXX-XXXXXX XXXX FT

**Door Contact:** GENESIS ACCESS CONTROL DOOR CONTACT P/N 3102 2C 22AWG E175106 (UL) CL3P OR FPLP OR CMP C(UL)US FT6 75C (RoHS) W/O #XXXXXX-XXXXXX XXXX FT

**Request for Exit:** GENESIS ACCESS CONTROL REQUEST-TO-EXIT P/N 3104 4C 22AWG E175106 (UL) CL3P OR FPLP OR CMP C(UL)US FT6 75C (RoHS) W/O #XXXXXX-XXXXXX XXXX FT

Access Control Cable, Plenum									
Part Number	Component	Conductor Size (AWG)	Number of Conductors	Stranding	Shielding	Outer Jacket Thickness (in)	Nominal Diameter (in)	DC Resistance (Ohms/1000ft at 20°C)	Weight (lbs/1000ft)
3196	Card Reader	22	6	7-strand	Shielded	0.013	0.371	16.9	87.7
	Door Strike	18	4	19-strand	-			6.66	
	Door Contact	22	2	7-strand	-			16.9	
	Request for Exit	22	4	7-strand	-			16.9	
3195	Card Reader	22	6	7-strand	Shielded	Profusion® Jacketless Bundle	0.345	16.9	77.1
	Door Strike	18	4	19-strand	-			6.66	
	Door Contact	22	2	7-strand	-			16.9	
	Request for Exit	22	4	7-strand	-			16.9	
3296	Card Reader	22	6 (3-pairs)	7-strand	Shielded	0.013	0.411	16.9	98.4
	Door Strike	18	4	19-strand	Shielded			6.66	
	Door Contact	22	2	7-strand	Shielded			16.9	
	Request for Exit	22	4	7-strand	Shielded			16.9	
3295	Card Reader	22	6 (3-pairs)	7-strand	Shielded	Profusion® Jacketless Bundle	0.385	16.9	86.6
	Door Strike	18	4	19-strand	Shielded			6.66	
	Door Contact	22	2	7-strand	Shielded			16.9	
	Request for Exit	22	4	7-strand	Shielded			16.9	

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