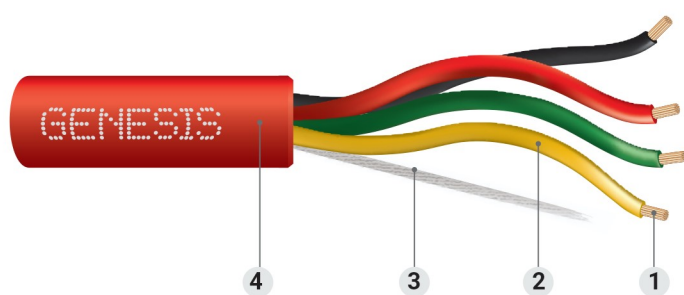


Fire Alarm Unshielded Cable Plenum

-GENESIS-

Genesis Fire Alarm Cables ensure uninterrupted fire protection. Built to exceed the demands of rigorous fire safety codes and regulations, UL listed, and Made in the USA.



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: Fire Alarm Cable

Conductor Number	Color	
1	Black	
2	Red	
3	Green	
4	Yellow	
5	Brown	
6	Blue	
Except for 4526 and 4527	Red	
	Green	
	Black	
	White	

Sample Print Legend

GENESIS P/N 45XX XC XXAWG E175105 (UL) FPLP OR CL3P OR CMP C(UL)US FT6 75C
(RoHS) W/O #XXXXXX-XXXXXX XXXX FT DEVICE/ZONE A B C D E F 1 2 3 4 5 6 7 8 9

Fire Alarm 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.)	Weight (lbs./1000ft.)
4506	18	2	Solid	0.006	0.015	0.134	6.52	32.1	14.9
4507	18	4	Solid	0.006	0.015	0.155	6.52	32.1	26.5
4508	18	6	Solid	0.006	0.015	0.176	6.52	32.1	38.1
4511	16	2	Solid	0.006	0.015	0.165	4.1	21.8	22.8
4512	16	4	Solid	0.006	0.015	0.193	4.1	21.8	41.5
4513	14	2	Solid	0.006	0.015	0.190	2.57	24.1	33.4
4514	14	4	Solid	0.006	0.015	0.223	2.57	24.1	62.2
4515	12	2	Solid	0.006	0.015	0.225	1.62	25.9	50.0
4523	16	2	19-strand	0.006	0.015	0.172	4.19	34.6	23.3
4526	16	4	19-strand	0.006	0.015	0.201	4.19	34.6	42.3
4522	14	2	19-strand	0.006	0.015	0.208	2.62	36.0	35.0
4527	14	4	19-strand	0.006	0.015	0.245	2.62	36.0	64.9
4521	12	2	65-strand	0.006	0.015	0.242	1.65	36.0	52.7

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