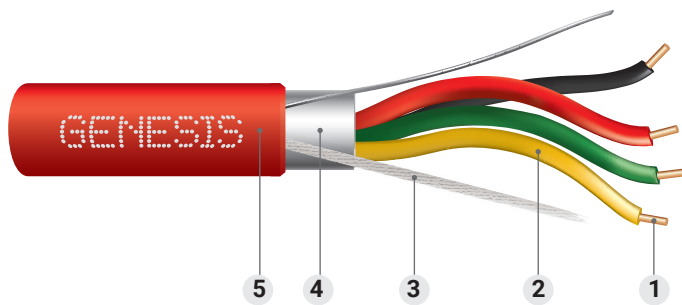


Fire Alarm Shielded Cable Plenum

-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. Shield:** Foil shield over all conductors
- 5. 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

Sample Print Legend

GENESIS P/N 46XX XC XXAWG SHIELDED 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 Shielded 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.)
4602	18	2	Solid	0.006	0.015	0.141	6.52	58.9	17.2
4603	18	4	Solid	0.006	0.015	0.163	6.52	50.5	29.0
4606	16	2	Solid	0.006	0.015	0.172	4.1	40.4	25.2
4607	16	4	Solid	0.006	0.015	0.200	4.1	34.5	44.1
4608	14	2	Solid	0.006	0.015	0.197	2.57	47.0	36.2
4609	14	4	Solid	0.006	0.015	0.231	2.57	39.2	64.9
4610	12	2	Solid	0.006	0.015	0.232	1.62	52.5	56.8
4614	18	2	7-strand	0.006	0.015	0.155	6.66	37.3	18.6
4612	14	2	19-strand	0.006	0.015	0.215	2.62	70.2	37.8

Genesis Cable

7701 95th Street
 Pleasant Prairie, WI 53158
 Office: 800.222.0060
www.genescable.com



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