

-GENESIS-

Limited-Energy Cable

Fire Alarm Cable

SHIELDED PLENUM


300V (max)
Operating
Voltage


-20°C — 75°C
Operating
Temperature


RoHS
Compliant


LISTED
cULus
Listed

APPLICATIONS

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

 **WE'VE GOT IT
MADE IN AMERICA™**

- 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

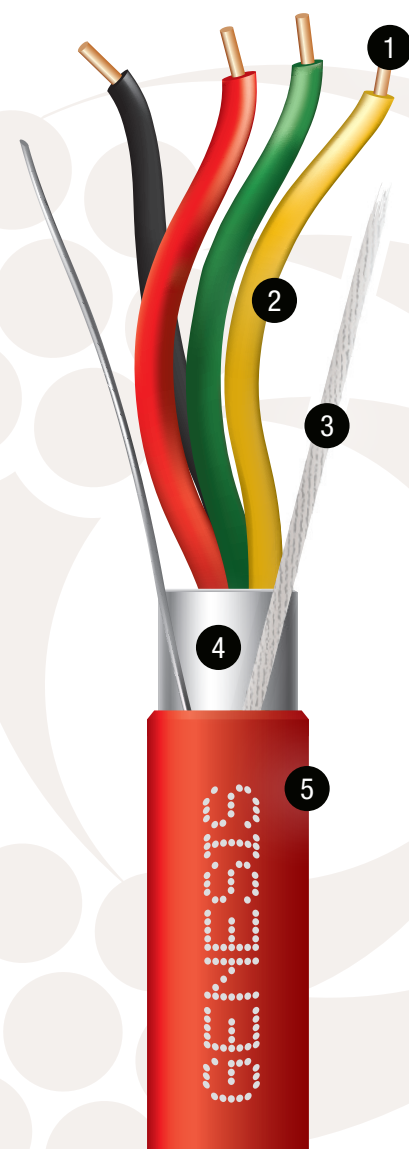
SPECIFICATIONS

Genesis Fire Alarm Cable meets or exceeds the following 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

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



CONDUCTOR COLORS

1: Black ●	2: Red ●	3: Green ●	4: Yellow ●
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FIRE ALARM CABLE, SHIELDED PLENUM

AWG	NUMBER OF CONDUCTORS	SOLID / STRANDED	NOMINAL LAY LENGTH (in.)	NOMINAL O.D. (in.)	DC RESISTANCE (Ohms/1000ft. at 20°C)	CAPACITANCE (pF/ft.)	WEIGHT (lbs./1000ft.)	PRODUCT NUMBER
18	2	Solid	2.50	0.141	6.52	58.9	17.2	4602
18	4	Solid	3.50	0.163	6.52	50.5	29.0	4603
16	2	Solid	3.50	0.172	4.1	40.4	25.2	4606
16	4	Solid	4.00	0.200	4.1	34.5	44.1	4607
14	2	Solid	4.00	0.197	2.57	47.0	36.2	4608
14	4	Solid	4.25	0.231	2.57	39.2	64.9	4609
12	2	Solid	4.25	0.232	1.62	52.5	56.8	4610
18	2	7 strand	2.25	0.155	6.66	37.3	18.6	4614
14	2	19 strand	4.00	0.215	2.62	70.2	37.8	4612

SAMPLE PRINT LEGEND

GENESIS P/N 46XX XC XXAWG SHIELDED E75610 (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