Southwire®

-GENESIS-

Limited-Energy Cable

Fire Alarm Cable

UNSHIELDED PLENUM

300V (max)
Operating Voltage

-20°C 75°C
Operating Temperature

RoHS COMPLIANT
RoHS Compliant

c UL us 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

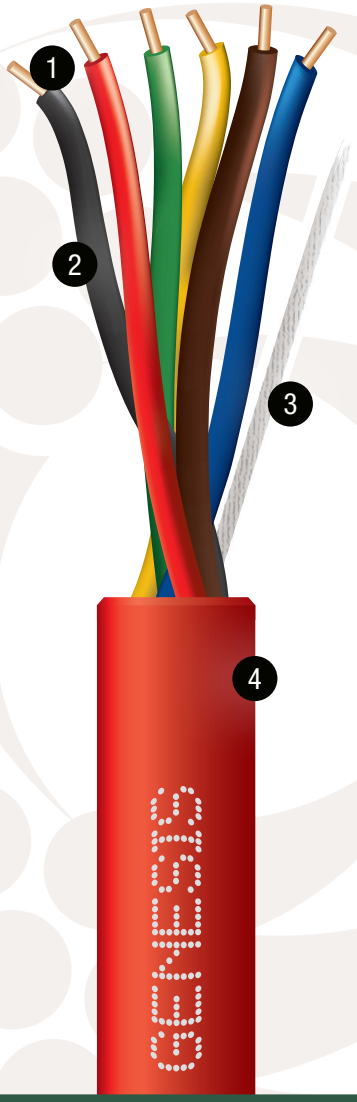
SPECIFICATIONS

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. **Jacket:** Plenum PVC, Countdown® Length Markings for easy tracking of usage and remaining cable



CONDUCTOR COLORS					
1: Black ●	2: Red ●	3: Green ●	4: Yellow ●	5: Brown ●	6: Blue ●
Except 4526 and 4527: Black/Red/Green/White ● ● ● ○					

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WE DELIVER POWER... RESPONSIBLY.®

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FIRE ALARM CABLE, UNSHIELDED PLENUM

AWG	NUMBER OF CONDUCTORS	SOLID / STRANDED	NOMINAL LAY LENGTH (in.)	NOMINAL O.D. (in.)	DC RESISTANCE (Ohms/1000ft. at 20ºC)	CAPACITANCE (pF/ft.)	WEIGHT (lbs./1000ft.)	PRODUCT NUMBER
18	2	Solid	4.00	0.134	6.52	32.1	14.9	4506
18	4	Solid	4.00	0.155	6.52	32.1	26.5	4507
18	6	Solid	4.00	0.176	6.52	32.1	38.1	4508
16	2	Solid	5.00	0.165	4.1	21.8	22.8	4511
16	4	Solid	6.00	0.193	4.1	21.8	41.5	4512
14	2	Solid	6.00	0.190	2.57	24.1	33.4	4513
14	4	Solid	6.25	0.223	2.57	24.1	62.2	4514
12	2	Solid	6.00	0.225	1.62	25.9	50.0	4515
16	2	19 strand	5.00	0.172	4.19	34.6	23.3	4523
16	4	19 strand	5.50	0.201	4.19	34.6	42.3	4526
14	2	19 strand	5.75	0.208	2.62	36.0	35.0	4522
14	4	19 strand	6.50	0.245	2.62	36.0	64.9	4527
12	2	65 strand	4.50	0.242	1.65	36.0	52.7	4521

SAMPLE PRINT LEGEND

GENESIS P/N 45XX XC XXAWG 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

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