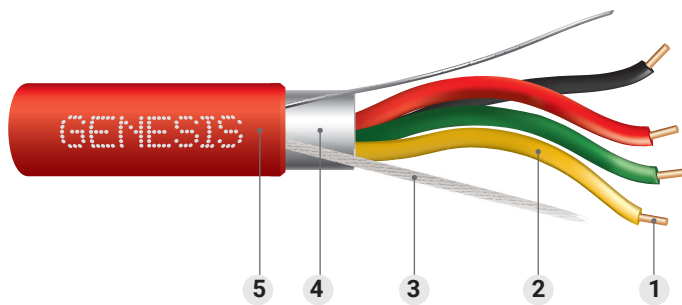


# Fire Alarm Shielded Cable Riser

# -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:** Polypropylene
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

- Installed in a metal raceway that complies with 300.22(B)
- Supported by solid bottom metal cable trays with solid metal covers
- In risers
- Within buildings in other than air-handling spaces and risers
- Exposed to sunlight

### Specifications

- UL 1666 – Riser Rated
- UL 444 – Communication Cables, Type CMR (22 AWG – 16 AWG)
- UL 1424 – Cables for Power-Limited Fire-Alarm Circuits, Type FPLR
- UL 13 – Power-Limited Circuit Cables, Type CL3R
- Sunlight Resistant Rated
- 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 44XX XC XXAWG SHIELDED E175105 (UL) FPLR OR CL3R OR CMR C(UL)US  
SUN RES 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, Riser**

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.)
4402	18	2	Solid	0.006	0.015	0.141	6.52	42.9	16.4
4403	18	4	Solid	0.006	0.015	0.163	6.52	36.4	27.5
4406	16	2	Solid	0.006	0.017	0.174	4.1	41.7	24.6
4407	16	4	Solid	0.006	0.018	0.204	4.1	35.5	42.7
4408	14	2	Solid	0.006	0.018	0.200	2.57	46.9	35.1
4409	14	4	Solid	0.006	0.020	0.241	2.57	39.2	64.7
4410	12	2	Solid	0.006	0.020	0.242	1.62	52.5	57.1

**Genesis Cable**

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