



# UNSHIELDED FIRE ALARM CABLE

## FIRE ALARM CABLE UNSHIELDED



**DESCRIPTION:**

- Solid bare copper conductor 22, 18, 16 or 14 AWG
- Semirigid PVC insulation
- Insulated conductors are cabled in all constructions
- PVC jacket
- Rip-Cord
- FPLR

**SPECIFICATIONS**

NEC 760 UL-1424 ETL - c(ETL) **RoHS**

**APPLICATION:**

Smoke detectors, burglar alarm, critical control circuits, power limited circuits.

Standard lengths of 1000 ft or 500 ft reels or boxes.

Product Code	Gauge	Number of Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Net Weight Lb/kft
666551	22	4	0.075"	0.020"	0.137"	15
666556	18	2	0.010"	0.020"	0.146"	17
666558	18	4	0.010"	0.020"	0.183"	31
666559	18	6	0.010"	0.020"	—	51
◆ 666560	18	8	0.010"	0.020"	0.265"	58
666591	16	2	0.010"	0.020"	0.165"	24
666593	16	4	0.010"	0.020"	0.208"	44
666596	14	2	0.013"	0.020"	0.205"	36
666597	14	4	0.013"	0.020"	0.260"	68

\*All values are nominal, and subject to manufacturing tolerances.

Conductor Gauge AWG	Conductor Resistance D.C. Maximum Ω/kft @ 20°C	Temperature Rating °C	Voltage Rating
22	16.30	-20°C to 60°C	300 V
18	6.40	-20°C to 60°C	300 V
16	4.00	-20°C to 60°C	300 V
14	2.52	-20°C to 60°C	300 V

◆ Non-Stocked item, subject to minimum quantity.

RoHS



# SHIELDED FIRE ALARM CABLE

## SHIELDED FIRE ALARM CABLE



**DESCRIPTION:**

- Solid bare copper conductor 18, 16, 14 or 12 AWG
- Semirigid PVC insulation
- Insulated conductors are cabled in all constructions
- Polyester - aluminum foil shield
- Drain wire, stranded 22 or 18 AWG
- PVC Jacket
- FPLR
- Rip-Cord

**SPECIFICATIONS:**

NEC 760 UL-1424 ETL - c(ETL) **RoHS**

**APPLICATION:**

Smoke detectors, burglar alarm, critical control circuits, power limited circuits.

Standard lengths of 1000 ft or 500 ft reels or boxes.

Product Code	Gauge	Number of Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Net Weight Lb/kft
666571	18	2	0.010"	0.020"	0.170"	25
666573	18	4	0.010"	0.020"	0.216"	39
666581	16	2	0.010"	0.020"	0.205"	36
666582	16	4	0.010"	0.020"	0.283"	56
666585	14	2	0.013"	0.020"	0.241"	51
666586	14	4	0.013"	0.020"	0.205"	82
◆ 666590	12	4	0.013"	0.020"	0.260"	66

Conductor Gauge AWG	Conductor Resistance D.C. Maximum Ω/kft @ 20°C	Temperature Rating °C	Voltage Rating
18	6.40	-20°C to 60°C	300 V
16	4.00	-20°C to 60°C	300 V
14	2.56	-20°C to 60°C	300 V
12	4.00	-20°C to 60°C	300 V

◆ Non-Stocked item, subject to minimum quantity.



# UNSHIELDED FIRE ALARM CABLE

## PLENUM FIRE ALARM CABLE



**DESCRIPTION:**

- Solid bare copper conductors.
- Polyvinyl chloride (PVC) smokeguard compound insulation.
- Conductors cabled into a core.
- Flame retardant PVC smokeguard compound jacket.
- Flame test: Plenum as per NFPA 262.

**APPLICATION:**

- Typically used on smoke detectors, fire protective circuits, fire alarms and other signals used in the fire protection circuits.

**SPECIFICATIONS:**

- UL-1424
- UL-13
- UL listed FPLP/CL3P
- Quality System ISO-9001

Product Code	Gauge	Number of Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Net Weight LB/MFT
667142	14	2	0.01142	0.01575	0.1929"	36
667144	14	4	0.01142	0.01654	0.2480"	66
667162	16	2	0.00949	0.01378	0.1575"	23
667164	16	4	0.00949	0.01575	0.2047"	43
667182	18	2	0.00949	0.01378	0.136"	16
667183	18	3	0.00949	0.01378	0.138"	22
667184	18	4	0.00949	0.01378	0.173"	29

Conductor Gauge AWG	Conductor Resistance D.C. Maximum $\Omega$ /ft @ 20°C	Temperature Rating °C	Voltage Rating
14	2.53	75°C	300 V
16	4.02	75°C	300 V
18	6.40	75°C	300 V

Standard lengths of 1000 ft or 500 ft reels or boxes.



# SHIELDED FIRE ALARM CABLE

## PLENUM SHIELDED FIRE ALARM CABLE



**DESCRIPTION:**

- Solid bare copper conductors.
- Polyvinyl chloride (PVC) smokeguard compound insulation.
- Conductors cabled into a core.
- Flame retardant PVC smokeguard compound jacket.
- Overall aluminum mylar shield with drain wire

**APPLICATION:**

- Typically used on smoke detectors, fire protective circuits, fire alarms and other signals used in the fire protection circuits.

**SPECIFICATIONS:**

- UL-1424
- UL-13
- UL listed FPLP/CL3P
- Quality System ISO-9001
- NFPA 262

Product Code	Gauge	Number of Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Net Weight Lb/kft
667242	14	2	0.01142	0.01575	0.1929"	36
667244	14	4	0.01142	0.01654	0.2480"	66
667262	16	2	0.00949	0.01378	0.1575"	23
667264	16	4	0.00949	0.01575	0.2047"	43
667282	18	2				
667264	18	4				

Conductor Gauge AWG	Conductor Resistance D.C. Maximum $\Omega$ /kft @ 20°C	Temperature Rating °C	Voltage Rating
14	2.53	75°C	300 V
16	4.02	75°C	300 V
18	6.40	75°C	300 V

Standard lengths of 1000 ft or 500 ft reels or boxes.