

# Multi-Conductor Cables

## 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 Listed **RoHS**

**APPLICATION:**

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

Standard lengths of 1000 foot 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"	20
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"	0.311"	68
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"	0.296"	75

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

Conductor Gauge AWG	Conductor Resistance D.C. Maximum $\Omega/kft @ 20^{\circ}C$	Temperature Rating $^{\circ}C$	Voltage Rating
22	16.15	60 $^{\circ}C$	300 V
18	6.40	60 $^{\circ}C$	300 V
16	4.00	60 $^{\circ}C$	300 V
14	2.52	60 $^{\circ}C$	300 V

## 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 Listed **RoHS**

**APPLICATION:**

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

Standard lengths of 1000 foot reels or boxes.

Product Code	Gauge	Number of Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Net Weight Lb/kft
666571	18	2	0.010"	0.02"	0.170"	25
666573	18	4	0.010"	0.02"	0.228"	39
666581	16	2	0.010"	0.02"	0.205"	36
666582	16	4	0.010"	0.02"	0.283"	56
666585	14	2	0.013"	0.02"	0.241"	51
666586	14	4	0.013"	0.02"	0.205"	82
666590	12	4	0.013"	0.02"	0.260"	66

Conductor Gauge AWG	Conductor Resistance D.C. Maximum $\Omega/kft @ 20^{\circ}C$	Temperature Rating $^{\circ}C$	Voltage Rating
18	6.40	60 $^{\circ}C$	300 V
16	4.00	60 $^{\circ}C$	300 V

# Multi-Conductor Cables

## FIRE ALARM CABLE UNSHIELDED - PLENUM



**DESCRIPTION:**

- Solid bare copper conductor 22, 18, 16 or 14 AWG
- Low smoke PVC insulation
- Insulated conductors are cabled in all constructions
- PVC jacket

**APPLICATION**

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

**SPECIFICATIONS:**

NEC 760 UL-1424 **RoHS**

Standard lengths of 1000 foot reels or boxes.

Product Code	Gauge	Number of Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Net Weight Lb/kft
667130	18	2	0.010"	0.015"	0.151"	18
667135	18	4	0.010"	0.015"	0.176"	31
667136	18	6	0.010"	0.015"	0.212"	46
667137	18	8	0.010"	0.015"	0.230"	63
667140	16	2	0.010"	0.015"	0.172"	26
667145	16	4	0.010"	0.015"	0.201"	47
667150	14	2	0.011"	0.015"	0.205"	38
667155	14	4	0.011"	0.015"	0.247"	74
667160	12	2	0.011"	0.015"	0.239"	59

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

Conductor Gauge AWG	Temperature Rating °C	Voltage Rating
18	75°C	300 V
16	75°C	300 V
14	75°C	300 V
12	75°C	300 V

\* Minimum order quantity required.

## FIRE ALARM CABLE SHIELDED - PLENUM



**DESCRIPTION:**

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

**APPLICATION:**

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

**SPECIFICATIONS:**

NEC 760 UL-1424 **RoHS**

Standard lengths of 1000 foot reels or boxes.

Product Code	Gauge	Number of Conductors	Insulation Thickness	Jacket Thickness	Overall Diameter	Net Weight Lb/kft
667100	18	2	0.010"	0.015"	0.158"	22
667105	18	4	0.010"	0.015"	0.120"	36
667110	16	2	0.010"	0.015"	0.176"	31
667115	16	4	0.010"	0.015"	0.205"	58
667120	14	2	0.011"	0.015"	0.212"	45
667125	14	4	0.011"	0.015"	0.248"	81
667130	12	2	0.011"	0.15"	0.246"	65

Conductor Gauge AWG	Temperature Rating °C	Voltage Rating
18	75°C	300 V
16	75°C	300 V
14	75°C	300 V
12	75°C	300 V

\* Minimum order quantity required.