

Fire Alarm Cable

NPLF Systems

Unshielded or Shielded, Non-Power-Limited Signaling Cable



Unshielded Multi-conductor

NPLF Rated

150V Max. Per NEC Article 760

Indoor (Non-conduit per NEC)

Product Description

Bare copper conductors, PVC/Nylon insulation, cabled together, Red PVC jacket with rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

Shielded Multi-conductor

NPLF Rated

150V Max. Per NEC Article 760

Indoor (Non-conduit per NEC)

Product Description

Bare copper conductors, PVC/Nylon insulation, cabled together, Beldfoil® shield tape (aluminum side out) plus drain wire, Red PVC jacket with rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

Specifications

Conductor	Bare Copper
Insulation	PVC/Nylon
Insulation Thickness	.021" (.533mm)
Shield (where applicable)	Beldfoil
Jacket	PVC
Approvals	
NEC	NPLF
NEC Articles	760
Voltage Rating	150V
Temperature Rating	75°C

Applications

- Fire Alarm
- Audio Circuits
- Control Circuits
- Initiating Circuits
- Notification Circuits

Color Code Chart

Cond. No.	Color
1	Black
2	Red
3	Brown
4	Blue

Part No.	No. of Cond.	Stranding	Standard Lengths		Standard Unit Weight		Outer Jacket Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm

Unshielded Multi-conductor (NEC NPLF)

18 AWG										
5320UN	2	solid	500	152	14.0	6.4	.037	.94	.239	6.07
			1000	305	31.0	14.1				
5322UN	4	solid	500	152	28.0	12.7	.042	1.07	.283	7.19
			1000	305	53.0	24.0				
16 AWG										
5220UN	2	solid	500	152	22.0	10.0	.037	.94	.262	6.65
			1000	305	40.0	18.1				
5222UN	4	solid	1000	305	71.0	32.3	.042	1.07	.311	7.90
14 AWG										
5120UN	2	solid	500	152	28.5	13.0	.042	1.07	.299	7.59
			1000	305	53.0	24.1				

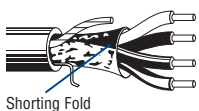
Shielded Multi-conductor (NEC NPLF)

18 AWG										
5320FN	2	solid	500	152	15.5	7.0	.037	.94	.243	6.17
			1000	305	35.0	15.9				
5322FN	4	solid	500	152	31.0	14.1	.042	1.07	.287	7.29
			1000	305	57.0	25.9				
16 AWG										
5220FN	2	solid	500	152	23.5	10.7	.037	.94	.266	6.76
			1000	305	45.0	20.5				
5222FN	4	solid	1000	305	76.0	34.5	.042	1.07	.315	8.00
14 AWG										
5120FN	2	solid	500	152	32.0	14.5	.042	1.07	.303	7.70
			1000	305	61.0	27.7				
5122FN	4	solid	500	152	50.5	23.0	.042	1.07	.348	8.84
			1000	305	102.0	46.4				
12 AWG										
5020FN	2	solid	500	152	43.0	19.5	.042	1.07	.337	8.56
			1000	305	83.0	37.7				

Unshielded



Shielded



Shorting Fold