

Fire Alarm Cables

NPLF Systems

Non-Power-Limited Signaling Cable Unshielded and Shielded



De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

18 AWG • Solid 1.0 mm Bare Copper • Numbered and Color Coded • Rip Cord

PVC/Nylon Insulation • Red PVC Jacket

150V 75°C	NEC: NPLF						1.02 mm 18 AWG Solid BC	0.061	1.55	Unshielded			
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Rip Cord

5320UN	2 CDR	500	152	14.1	6.4						0.239	6.07	Black, Red
		1000	305	31.1	14.1								
5322UN	4 CDR	500	152	28.0	12.7						0.283	7.19	Black, Red, Brown, Blue
		1000	305	52.9	24.0								

16 AWG • Solid 1.3 mm Bare Copper • Numbered and Color Coded • Rip Cord

PVC/Nylon Insulation • Red PVC Jacket

150V 75°C	NEC: NPLF						1.29 mm 16 AWG Solid BC	0.072	1.82	Unshielded			
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Rip Cord

5220UN	2 CDR	500	152	22.0	10.0						0.262	6.65	Black, Red
		1000	305	39.9	18.1								
5222UN	4 CDR	1000	305	71.2	32.3						0.311	7.90	Black, Red, Brown, Blue

14 AWG • Solid 1.6 mm Bare Copper • Numbered and Color Coded • Rip Cord

PVC/Nylon Insulation • Red PVC Jacket

150V 75°C	5120UN	NEC: NPLF	500	152	28.7	13.0	1.63 mm 14 AWG Solid BC	0.085	2.16	Unshielded	0.299	7.59	Black, Red
			1000	305	53.1	24.1							



Rip Cord

2 CDR

18 AWG • Solid 1.0 mm Bare Copper • Numbered and Color Coded • **Beldfoil®** Shield • 20 AWG Tinned Copper Drain Wire • Rip Cord

PVC/Nylon Insulation • Red PVC Jacket

150V 75°C	NEC: NPLF						1.02 mm 18 AWG Solid BC	0.061	1.55	Overall Beldfoil® + Drain Wire (20 AWG TC)			
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Shorting Fold

5320FN	2 CDR	500	152	15.4	7.0						0.243	6.17	Black, Red
		1000	305	35.1	15.9								
5322FN	4 CDR	500	152	31.1	14.1						0.287	7.29	Black, Red, Brown, Blue
		1000	305	57.1	25.9								

TC = Tinned Copper • BC = Bare Copper • DCR = DC resistance