

Fire Alarm Cables

Commercial Applications
Power-Limited Unshielded

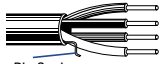


De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

22 AWG • Solid 0.6 mm Bare Copper • Numbered and Color Coded • Rip Cord

PVC Insulation • Red PVC Jacket

300V 75°C	NEC: FPLR CEC: CMG FT4						0.64 mm 22 AWG Solid BC	0.035	0.89	Unshielded		see chart below
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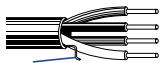
Rip Cord

5522UL	4 CDR	C-500	C-152	7.1	3.2						0.125	3.18
		U-1000 1000	U-305 305	16.1 16.1	7.3 7.3							
5542UL	6 CDR	C-500	C-152	10.1	4.6						0.168	4.27
		U-1000	U-305	20.9	9.5							

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

PVC Insulation • Red PVC Jacket

300V 75°C	NEC: FPLR CEC: CMG FT4						1.02 mm 18 AWG Solid BC	0.050	1.27	Unshielded		see chart below
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Rip Cord

5320UL	2 CDR	C-500	C-152	7.9	3.6						0.151	3.84
		U-500	U-152	9.0	4.1							
		500	152	9.0	4.1							
		U-1000 1000	U-305 305	18.1 17.0	8.2 7.7							
5322UL	4 CDR	C-250	C-76	7.1	3.2						0.176	4.47
		C-500	C-152	13.2	6.0							
		U-500	U-152	15.4	7.0							
		U-1000	U-305	30.0	13.6							
		1000	305	30.0	13.6							
5324UL	6 CDR	500	152	23.6	10.7						0.212	5.38
		U-1000	U-305	43.0	19.5							
		1000	305	44.1	20.0							
5326UL	8 CDR	1000	305	61.1	27.7						0.230	5.84
5328UL	10 CDR	1000	305	71.2	32.3						0.272	6.91
5329UL	12 CDR	1000	305	83.1	37.7						0.281	7.14

BC = Bare Copper • DCR = DC resistance

Color Code

Cond. No.	Color	Cond. No.	Color	Cond. No.	Color	Cond. No.	Color
1	Black	4	Blue	7	Purple	10	Red/White
2	Red	5	Orange	8	Green	11	Red/Green
3	Brown	6	Yellow	9	Red/Black	12	Red/Blue

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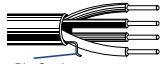


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

22 AWG • Solid 0.6 mm Bare Copper • Numbered and Color Coded • Rip Cord

Polyethylene Insulation • Red FRNC/LSNH Jacket

300V 75°C	IEC 60754-2						1.02 mm 18 AWG Solid BC	0.068	1.72	Unshielded		see chart below	
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Rip Cord

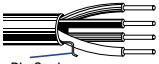

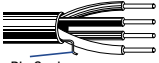
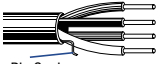
Part No.	Conductor	Length	Weight	Insulation OD	Nominal OD
4322UL	4 CDR	328	9.3	0.068	0.177
		1640	46.3	1.72	0.177
4324UL	6 CDR	328	13.0	0.068	0.213
		1640	65.0	1.72	0.213

BC = Bare Copper • DCR = DC resistance

Color Code

Cond. No.	Color	Cond. No.	Color
1	Black	4	Blue
2	Red	5	Orange
3	Brown	6	Yellow

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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	
16 AWG • Solid 1.3 mm Bare Copper • Numbered and Color Coded • Rip Cord													
PVC Insulation • Red PVC Jacket													
300V 75°C		NEC: FPLR CEC: CMG FT4					1.29 mm 16 AWG Solid BC	0.061	1.54	Unshielded			
													
	5220UL	2 CDR	500 U-1000 1000	152 U-305 305	13.0 24.0 25.1	5.9 10.9 11.4					0.174	4.42	Black, Red
	5222UL	4 CDR	1000	305	45.0	20.4					0.204	5.18	Black, Red, Brown, Blue
Polyethylene Insulation • Red FRNC / LSNH Jacket													
300V 70°C		IEC 60754-2					1.29 mm 16 AWG Solid BC	0.077	1.95	Unshielded			
													
	4220UL	2 CDR	328 1640	100 500	7.7 38.4	3.5 17.4					0.173	4.40	Black, Red
	4222UL	4 CDR	1640	500	67.7	30.7					0.201	5.10	Black, Red, Brown, Blue
14 AWG • Solid 1.6 mm Bare Copper • Numbered and Color Coded • Rip Cord													
PVC Insulation • Red PVC Jacket													
300V 75°C		NEC: FPLR CEC: CMG FT4					1.63 mm 14 AWG Solid BC	0.077	1.96	Unshielded			
													
	5120UL	2 CDR	500 1000	152 305	19.0 38.1	8.6 17.3					0.213	5.41	Black, Red
	5122UL	4 CDR	1000	305	70.1	31.8					0.251	6.38	Black, Red, Brown, Blue
Polyethylene Insulation • Red FRNC / LSNH Jacket													
300V 70°C		IEC 60754-2					1.63 mm 14 AWG Solid BC	0.085	2.15	Unshielded			
													
	4120UL	2 CDR	328 1640	100 500	11.2 56.0	5.1 25.4					0.213	5.40	Black, Red
	4122UL	4 CDR	328 1640	100 500	19.8 99.9	9.0 45.3					0.252	6.40	Black, Red, Brown, Blue

BC = Bare Copper • DCR = DC resistance

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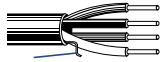


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

12 AWG • Solid 2.1 mm Bare Copper • Numbered and Color Coded • Rip Cord

PVC Insulation • Red PVC Jacket

300V 75°C	5020UL	NEC: FPLR CEC: CMG FT4	1000	305	55.1	25.0	2.05 mm 12 AWG Solid BC	0.094	2.38	Unshielded	0.247	6.27	Black, Red
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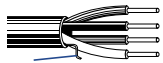


Rip Cord

2 CDR

Polyethylene Insulation • Red FRNC/LSNH Jacket

300V 70°C	4020UL	IEC 60754-2	1640	500	85.3	38.7	2.05 mm 12 AWG Solid BC	0.107	2.72	Unshielded	0.248	6.30	Black, Red
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Rip Cord

2 CDR

BC = Bare Copper • DCR = DC resistance