

Security and Alarm Cables

Commercial Applications Unshielded

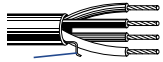


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

22 AWG • Stranded (7x30) 0.8 mm Bare Copper • Numbered and Color Coded • Rip Cord

PVC Insulation • Grey PVC Jacket

300V 75°C	NEC: CMR CEC: CMF FT4	0.76 mm 22 AWG (7x30) BC	0.040	1.01	Unshielded	see chart below
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Rip Cord

5500UE	2 CDR	C-500	C-152	4.0	1.8	0.128	3.25
		U-500	U-152	5.5	2.5		
		500	152	5.5	2.5		
		C-1000	C-305	7.9	3.6		
		U-1000	U-305	9.9	4.5		
1000	305	9.0	4.1				
5501UE	3 CDR	U-1000	U-305	13.0	5.9	0.135	3.43
		1000	305	13.0	5.9		
		5502UE	4 CDR	C-500	C-152		
U-500	U-152	9.0		4.1			
U-1000	U-305	16.1		7.3			
1000	305	16.1		7.3			
5503UE	5 CDR	U-1000		U-305	20.1	9.1	0.162
1000		305	20.1	9.1			
5504UE		6 CDR	C-500	C-152	12.6	5.7	
U-500	U-152		14.1	6.4			
500	152		13.4	6.1			
U-1000	U-305		27.1	12.3			
1000	305		27.1	12.3			
Also available in White.							
5506UE	8 CDR	U-1000	U-305	29.1	13.2	0.192	4.88
		1000	305	30.0	13.6		
5508UE	10 CDR	U-1000	U-152	35.9	16.3	0.226	5.74
		1000	305	41.0	18.6		
5509UE	12 CDR	U-500	U-152	21.6	9.8	0.233	5.92
		U-1000	U-305	42.1	19.1		
		1000	305	47.2	21.4		

BC = Bare Copper • DCR = DC resistance

Color Code

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

Security and Alarm Cables

Commercial Applications Unshielded

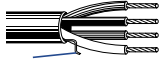


De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

22 AWG • Stranded (7x30) 0.8 mm Bare Copper • Numbered and Color Coded • Rip Cord

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V IEC 60754-2 0.76 mm 0.049 1.25 Unshielded see chart below
70°C 22 AWG
(7x30) BC



Rip Cord

4500UE	2 CDR	328 1640	100 500	3.1 15.4	1.4 7.0						0.130	3.30	
4501UE	3 CDR	328 1640	100 500	3.1 15.4	1.4 7.0						0.130	3.30	
4502UE	4 CDR	328 1640	100 500	5.3 26.0	2.4 11.8						0.154	3.90	
4504UE	6 CDR	328 1640	100 500	7.3 36.2	3.3 16.4						0.177	4.50	
4506UE	8 CDR	328 1640	100 500	8.8 43.7	4.0 19.8						0.193	4.90	
4509UE	12 CDR	328 1640	100 500	13.4 66.8	6.1 30.3						0.232	5.90	

BC = Bare Copper • DCR = DC resistance

Color Code

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

Security and Alarm Cables

Commercial Applications 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	

20 AWG • Stranded (7x28) 1.0 mm Bare Copper • Numbered and Color Coded PVC Jackets • Rip Cord

PVC Insulation • Grey PVC Jacket

300V
75°C

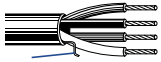
NEC:
CMR
CEC:
CMF FT4

0.96 mm
20 AWG
(7x28) BC

0.048 1.21

Unshielded

see chart below



Rip Cord

5400UE	2 CDR	C-500 U-1000 1000	C-152 U-305 305	6.0 13.0 13.0	2.7 5.9 5.9						0.142	3.61	
5401UE	3 CDR	500 U-1000 1000	152 U-305 305	9.0 18.1 18.1	4.1 8.2 8.2						0.150	3.81	
5402UE	4 CDR	C-500 U-1000 1000	C-152 U-305 305	10.6 23.1 23.1	4.8 10.5 10.5						0.165	4.19	
5403UE	5 CDR	U-1000 1000	U-305 305	26.9 28.0	12.2 12.7						0.181	4.60	
5405UE	7 CDR	500 1000	152 305	19.0 40.1	8.6 18.2						0.198	5.03	
5406UE	8 CDR	U-1000 1000	U-305 305	41.0 43.0	18.6 19.5						0.215	5.46	
5407UE	9 CDR	1000	305	48.1	21.8						0.233	5.92	
5408UE	10 CDR	1000	305	53.1	24.1						0.254	6.45	
5409UE	12 CDR	1000	305	61.9	28.1						0.262	6.65	
5408UE	20 CDR	1000	305	110.0	49.9						0.347	8.81	

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V
75°C

IEC 60754-2

0.96 mm
20 AWG
(7x28) BC

0.057 1.45

Unshielded

see chart below



Rip Cord

4400UE	2 CDR	328 1640	100 500	3.7 18.7	1.7 8.5						0.142	3.60	
4402UE	4 CDR	328 1640	100 500	6.4 31.7	2.9 14.4						0.165	4.20	

BC = Bare Copper • DCR = DC resistance

Color Code

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

Cond. No.	Color
11	Pink
12	Tan
13	White/Black
14	White/Red
15	White/Green
16	White/Orange
17	White/Blue
18	White/Brown
19	White/Yellow
20	White/Purple

Security and Alarm Cables
Commercial Applications Unshielded

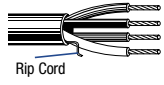


De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

18 AWG • Stranded (7x26) 1.2 mm Bare Copper • Numbered and Color Coded • Rip Cord

PVC Insulation • Grey PVC Jacket

300V
75°C
NEC:
CMR
CEC:
CMG FT4
1.22 mm
18 AWG
(7x26) BC
0.058 1.47 Unshielded see chart below



5300UE	2 CDR	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	8.6 9.5 9.5 17.0 18.1	3.9 4.3 4.3 7.7 8.2						0.161	4.09	
Also available in White or Black.													
5301UE	3 CDR	500 U-1000 1000	152 U-305 305	12.6 24.9 24.9	5.7 11.3 11.3						0.171	4.34	
5302UE	4 CDR	C-250 U-500 500 U-1000 1000	C-76 U-152 152 U-305 305	7.5 16.5 16.1 32.0 32.0	3.4 7.5 7.3 14.5 14.5						0.188	4.78	
5303UE	5 CDR	500 U-1000 1000	152 U-305 305	20.5 39.0 39.0	9.3 17.7 17.7						0.207	5.26	
5304UE	6 CDR	500 U-1000 1000	152 U-305 305	26.0 51.1 52.0	11.8 23.2 23.6						0.226	5.74	
5305UE	7 CDR	U-1000 1000	U-305 305	51.1 52.0	23.2 23.6						0.226	5.74	
5306UE	8 CDR	500 1000	152 305	30.0 59.1	13.6 26.8						0.248	6.30	
5307UE	9 CDR	1000	305	66.1	30.0						0.269	6.83	
5308UE	10 CDR	500 1000	152 305	38.6 74.1	17.5 33.6						0.294	7.47	
5309UE	12 CDR	500 1000	152 305	47.6 90.2	21.6 40.9						0.314	7.98	
530BUE	20 CDR	1000	305	152.1	69.0						0.400	10.16	

BC = Bare Copper • DCR = DC resistance

Color Code

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

Cond. No.	Color
11	Pink
12	Tan
13	White/Black
14	White/Red
15	White/Green
16	White/Orange
17	White/Blue
18	White/Brown
19	White/Yellow
20	White/Purple

Security and Alarm Cables

Commercial Applications Unshielded

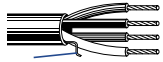


De- scription	Part No.	UL NEC / C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

18 AWG • Stranded (7x26) 1.2 mm Bare Copper • Numbered and Color Coded • Rip Cord

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V 70°C	IEC 60754-2		1.22 mm 18 AWG (7x26) BC	0.068	1.72	Unshielded	see chart below
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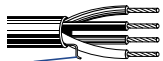
Rip Cord

4300UE	2 CDR	328 1640	100 500	6.0 29.3	2.7 13.3		0.161	4.10
4301UE	3 CDR	328 1640	100 500	7.7 38.4	3.5 17.4		0.161	4.10
4302UE	4 CDR	328 1640	100 500	10.1 50.7	4.6 23.0		0.189	4.80
4303UE	5 CDR	328 1640	100 500	12.1 60.4	5.5 27.4		0.209	5.30
4304UE	6 CDR	328 1640	100 500	15.0 74.5	6.8 33.8		0.224	5.70
4306UE	8 CDR	328 1640	100 500	18.5 92.6	8.4 42.0		0.248	6.30
4308UE	10 CDR	328 1640	100 500	22.9 114.9	10.4 52.1		0.295	7.50
4309UE	12 CDR	328 1640	100 500	27.1 135.8	12.3 61.6		0.315	8.00

16 AWG • Stranded (19x29) 1.5 mm Bare Copper • Numbered and Color Coded • Rip Cord

PVC Insulation • Grey PVC Jacket

300V 75°C	NEC: CMR CEC: CMG FT4		1.47 mm 16 AWG (19x29) BC	0.068	1.72	Unshielded	see chart below
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Rip Cord

5200UE	2 CDR	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	11.5 13.0 12.6 24.0 25.1	5.2 5.9 5.7 10.9 11.4		0.184	4.67
5201UE	3 CDR	U-500 500 U-1000 1000	U-152 152 U-305 305	18.5 18.1 35.1 38.1	8.4 8.2 15.9 17.3		0.196	4.98
5202UE	4 CDR	U-500 500 U-1000 1000	U-152 152 U-305 305	23.6 22.9 45.0 47.0	10.7 10.4 20.4 21.3		0.216	5.49
5205UE	7 CDR	1000	305	77.2	35.0		0.261	6.63

BC = Bare Copper • DCR = DC resistance

Color Code

Cond. No.	Color
1	Black
2	Red
3	White
4	Green

Cond. No.	Color
5	Brown
6	Blue
7	Orange
8	Yellow

Cond. No.	Color
9	Purple
10	Grey
11	Pink
12	Tan



For more information, contact Belden Technical Support +31-77-3875-414 • www.belden-emea.com

Security and Alarm Cables

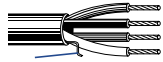
Commercial Applications Unshielded



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	

16 AWG • Stranded (19x29) 1.5 mm Bare Copper • Numbered and Color Coded • Rip Cord**Polyethylene Insulation • Grey FRNC/LSNH Jacket**

300V 70°C	IEC 60754-2						1.47 mm 16 AWG (19x29) BC	0.077	1.95	Unshielded			
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Rip Cord

4200UE	2 CDR	328 1640	100 500	7.5 37.3	3.4 16.9						0.185	4.70	Black, White
4201UE	3 CDR	328 1640	100 500	9.9 49.8	4.5 22.6						0.197	5.00	Black, White, Red
4202UE	4 CDR	328 1640	100 500	13.2 65.7	6.0 29.8						0.217	5.50	Black, White, Red, Green

14 AWG • Stranded (19x27) 1.9 mm Bare Copper • Numbered and Color Coded • Rip Cord**Polyethylene Insulation • Grey PVC Jacket**

300V 75°C	NEC: CMR FPLR CL3R						1.85 mm 14 AWG (19x27) BC	0.087	2.21	Unshielded			
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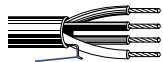


Rip Cord

5100UE	2 CDR	500 U-1000 1000	152 U-305 305	20.1 37.9 40.1	9.1 17.2 18.2						0.234	5.94	Black, White
Also available in Red for fire alarm (FPLR).													
5101UE	3 CDR	1000	305	56.2	25.5						0.249	6.32	Black, White, Red
5102UE	4 CDR	500 1000	152 305	38.6 73.2	17.5 33.2						0.276	7.01	Black, White, Red, Green

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V 70°C	IEC 60754-2						1.85 mm 14 AWG (19x27) BC	0.099	2.52	Unshielded			
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Rip Cord

4100UE	2 CDR	328 1640	100 500	11.5 57.8	5.2 26.2						0.232	5.90	Black, White
4101UE	3 CDR	328 1640	100 500	15.4 76.9	7.0 34.9						0.248	6.30	Black, White, Red
4102UE	4 CDR	328 1640	100 500	20.5 103.0	9.3 46.7						0.276	7.00	Black, White, Red, Green

BC = Bare Copper • DCR = DC resistance

Security and Alarm Cables

Commercial Applications 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	
12 AWG • Stranded (19x25) 2.4 mm Bare Copper • Numbered and Color Coded • Rip Cord													
Polyethylene Insulation • Grey PVC Jacket													
300V 75°C		NEC: CL3R					2.36 mm 12 AWG (19x25) BC	0.107	2.72	Unshielded			
	5000UE	2 CDR	500 1000	152 305	29.1 57.1	13.2 25.9					0.268	6.81	Black, White
Also available in Red for fire alarm (FPLR).													
	5001UE	3 CDR	1000	305	82.2	37.3					0.286	7.26	Black, White, Red
Polyethylene Insulation • Grey FRNC/LSNH Jacket													
300V 75°C		IEC 60754-2					2.36 mm 12 AWG (19x25) BC	0.118	3.00	Unshielded			
	4000UE	2 CDR	328 1640	100 500	16.5 83.1	7.5 37.7					0.268	6.80	Black, White
	4001UE	3 CDR	1640	500	375.2	170.2					0.287	7.30	Black, White, Red

BC = Bare Copper • DCR = DC resistance

Security and Alarm Cables

Commercial Applications 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	

24 AWG • Stranded (7x32) 0.6 mm Bare Copper • Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded

PVC Insulation • Grey PVC Jacket

300V 75°C	5600FE	NEC: CMR CEC: CMG FT4	U-1000 1000	U-305 305	11.0 9.9	5.0 4.5	0.61 mm 24 AWG (7x32) BC	0.034	0.86	Overall Beldfoil® + Drain Wire (24 AWG TC)	0.120	3.05	see chart 12 (Tech Info Section)
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Shorting Fold

2 CDR

De- scription	Part No.	No. of Cond. (CDR)	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Conductor OD		Shielding Material Nom. DCR	Nominal OD		Application
			ft.	m	lbs.	kg		AWG	Section mm ²		inch	mm	

24 AWG • Stranded (7x0.193) 0.6 mm Bare Copper • Overall Alufoil • Color Coded

PVC Insulation • White Flame-Resistant PVC Jacket (Color Code: see chart 11, Tech Info Section)

500V 70°C										Overall Alufoil			- Alarm systems - Antitrust systems - Smoke survey - Fire survey - Industrial checks
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LiY (St) Y

SEC0008	2	328	100	39.7	18.0	(7x0.193) BC	24	0.22			0.150	3.80	
SEC0009	4	328	100	61.7	28.0	(7x0.193) BC	24	0.22			0.165	4.20	
SEC0010	6	328	100	75.0	34.0	(7x0.193) BC	24	0.22			0.181	4.60	
SEC0011	8	328	100	97.0	44.0	(7x0.193) BC	24	0.22			0.209	5.30	
SEC0012	10	328	100	114.6	52.0	(7x0.193) BC	24	0.22			0.228	5.80	
SEC0013	12	328	100	136.7	62.0	(7x0.193) BC	24	0.22			0.240	6.10	
SEC0014	16	328	100	160.9	73.0	(7x0.193) BC	24	0.22			0.276	7.00	
SEC0015	2/2	328	100	83.8	38.0	(7x0.193) BC	24	0.22 + 0.50			0.193	4.90	
SEC0016	4/2	328	100	97.0	44.0	(7x0.193) BC	24	0.22 + 0.50			0.205	5.20	
SEC0017	6/2	328	100	114.6	52.0	(7x0.193) BC	24	0.22 + 0.50			0.232	5.90	
SEC0018	8/2	328	100	141.1	64.0	(7x0.193) BC	24	0.22 + 0.50			0.256	6.50	
SEC0019	10/2	328	100	158.7	72.0	(7x0.193) BC	24	0.22 + 0.50			0.264	6.70	
SEC0020	12/2	328	100	172.0	78.0	(7x0.193) BC	24	0.22 + 0.50			0.272	6.90	
SEC0021	2/2	328	100	97.0	44.0	(7x0.193) BC	24	0.22 + 0.75			0.205	5.20	
SEC0022	4/2	328	100	114.6	52.0	(7x0.193) BC	24	0.22 + 0.75			0.220	5.60	
SEC0023	6/2	328	100	132.3	60.0	(7x0.193) BC	24	0.22 + 0.75			0.244	6.20	
SEC0024	8/2	328	100	143.3	65.0	(7x0.193) BC	24	0.22 + 0.75			0.252	6.40	
SEC0025	10/2	328	100	158.7	72.0	(7x0.193) BC	24	0.22 + 0.75			0.264	6.70	
SEC0026	12/2	328	100	174.2	79.0	(7x0.193) BC	24	0.22 + 0.75			0.283	7.20	

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

Security and Alarm Cables

Commercial Applications Shielded



De- scription	Part No.	No. of Pairs	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Conductor OD		Shielding Material Nom. DCR	Nominal OD		Application
			ft.	m	lbs.	kg		AWG	Section mm ²		inch	mm	

24 AWG • Stranded (7x0.193) 0.6 mm Bare Copper • Mylar® Tape • Overall Alufoil • Color Coded

Thermoplastic M9 Insulation • White FRNC/LSNH Jacket (Color Code: see chart below)

60/90V
70°C

Overall
Alufoil

- Cables for anti-theft installations
- Cables for detection of smokes and fires
- To be used in public areas
(like banks, hospitals, big stores, hotels, theaters)



LiH (St) H

SEC0027	1	328	100	41.9	19.0	(7x0.193) BC	24	0.22		0.157	4.00	
SEC0028	2	328	100	66.1	30.0	(7x0.193) BC	24	0.22		0.217	5.50	
SEC0029	3	328	100	83.8	38.0	(7x0.193) BC	24	0.22		0.228	5.80	
SEC0030	4	328	100	105.8	48.0	(7x0.193) BC	24	0.22		0.260	6.60	
SEC0031	5	328	100	132.3	60.0	(7x0.193) BC	24	0.22		0.295	7.50	
SEC0032	6	328	100	149.9	68.0	(7x0.193) BC	24	0.22		0.307	7.80	
SEC0033	7	328	100	169.8	77.0	(7x0.193) BC	24	0.22		0.319	8.10	
SEC0034	8	328	100	194.0	88.0	(7x0.193) BC	24	0.22		0.362	9.20	
SEC0035	10	328	100	231.5	105.0	(7x0.193) BC	24	0.22		0.382	9.70	
SEC0036	11	328	100	269.0	122.0	(7x0.193) BC	24	0.22		0.406	10.30	
SEC0037	1/1	328	100	158.7	72.0	(7x0.193) BC	24	0.22 + 0.50		0.264	6.70	
SEC0038	2/1	328	100	172.0	78.0	(7x0.193) BC	24	0.22 + 0.50		0.272	6.90	
SEC0039	3/1	328	100	97.0	44.0	(7x0.193) BC	24	0.22 + 0.50		0.205	5.20	
SEC0040	4/1	328	100	114.6	52.0	(7x0.193) BC	24	0.22 + 0.50		0.220	5.60	
SEC0041	5/1	328	100	132.3	60.0	(7x0.193) BC	24	0.22 + 0.50		0.244	6.20	
SEC0042	1/1	328	100	97.0	44.0	(7x0.193) BC	24	0.22 + 0.75		0.260	6.60	
SEC0043	2/1	328	100	119.0	54.0	(7x0.193) BC	24	0.22 + 0.75		0.283	7.20	
SEC0044	3/1	328	100	145.5	66.0	(7x0.193) BC	24	0.22 + 0.75		0.307	7.80	
SEC0045	4/1	328	100	158.7	72.0	(7x0.193) BC	24	0.22 + 0.75		0.323	8.20	
SEC0046	5/1	328	100	172.0	78.0	(7x0.193) BC	24	0.22 + 0.75		0.331	8.40	

BC = Bare Copper • DCR = DC resistance

Mylar® is a DuPont trademark.

Color Code

Pair No.	Color
1	Red, Black
2	White/Blue, Blue
3	White/Orange, Orange
4	White/Green, Green
5	White/Brown, Brown
6	White/Grey, Grey
7	Red/Blue, Blue
8	Red/Orange, Orange
9	Red/Green, Green
10	Red/Brown, Brown
11	Red/Grey, Grey

Pair No.	Color
12	Black/Blue, Blue
13	Black/Orange, Orange
14	Black/Green, Green
15	Black/Brown, Brown
16	Black/Grey, Grey
17	Violet/Blue, Blue
18	Violet/Orange, Orange
19	Violet/Green, Green
20	Violet/Brown, Brown
21	Violet/Grey, Grey

Security and Alarm Cables
Commercial Applications Shielded

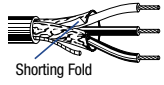


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

22 AWG • Stranded (7x30) 0.8 mm Bare Copper • Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded

PVC Insulation • Grey PVC Jacket

300V 75°C	NEC: CMR CEC: CMG FT4						0.76 mm 22 AWG (7x30) BC	0.040	1.01	Overall Beldfoil® + Drain Wire (24 AWG TC)		see chart below	
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5500FE	2 CDR	C-500	C-152	5.5	2.5						0.130	3.30		
		U-500	U-152	6.6	3.0									
		500	152	6.6	3.0									
		U-1000	U-305	11.9	5.4									
		1000	305	11.9	5.4									
5501FE	3 CDR	C-500	C-152	7.1	3.2						0.138	3.51		
		U-500	U-152	7.9	3.6									
		500	152	7.5	3.4									
		U-1000	U-305	15.0	6.8									
		1000	305	15.0	6.8									
5502FE	4 CDR	C-500	C-152	8.6	3.9						0.152	3.86		
		U-500	U-152	9.5	4.3									
		500	152	9.5	4.3									
		U-1000	U-305	18.1	8.2									
		1000	305	18.1	8.2									
5503FE	5 CDR	1000	305	22.0	10.0						0.165	4.19		
5504FE	6 CDR	C-500	C-152	13.4	6.1						0.179	4.55		
		U-500	U-152	15.0	6.8									
		U-1000	U-305	29.1	13.2									
		1000	305	29.1	13.2									
5506FE	8 CDR	U-500	U-152	16.5	7.5						0.196	4.98		
		U-1000	U-305	32.0	14.5									
		1000	305	32.0	14.5									
5508FE	10 CDR	U-500	U-152	19.6	8.9						0.230	5.84		
		U-1000	U-305	37.9	17.2									
		1000	305	44.1	20.0									

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

Color Code

Cond. No.	Color
1	Black
2	Red
3	White
4	Green
5	Brown

Color Code

Cond. No.	Color
6	Blue
7	Orange
8	Yellow
9	Purple
10	Grey

Security and Alarm Cables

Commercial Applications 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	

22 AWG • Stranded (7x30) 0.8 mm Bare Copper • Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V 70°C	IEC 60754-2	0.76 mm 22 AWG (7x30) BC	0.049	1.25	Overall Beldfoil® + Drain Wire (24 AWG TC)	see chart below
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Shorting Fold

Part No.	Conductor	Length	Weight	Insulation OD	Shielding	Nominal OD
4500FE	2 CDR	328	100	4.0	1.8	0.130 3.30
		1640	500	19.6	8.9	
4501FE	3 CDR	328	100	4.6	2.1	0.138 3.50
		1640	500	23.1	10.5	
4502FE	4 CDR	328	100	6.0	2.7	0.154 3.90
		1640	500	29.3	13.3	
4504FE	6 CDR	328	100	7.7	3.5	0.181 4.60
		1640	500	38.6	17.5	
4506FE	8 CDR	328	100	9.7	4.4	0.197 5.00
		1640	500	48.7	22.1	
4508FE	10 CDR	U-500	U-152	10.8	4.9	0.197 5.00
		1000	305	53.6	24.3	

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

Color Code

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

Security and Alarm Cables

Commercial Applications Shielded

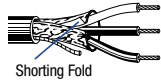


De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

20 AWG • Stranded (7x28) 1.0 mm Bare Copper • Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded

PVC Insulation • Grey PVC Jacket

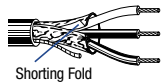
300V 75°C	NEC: CMR CEC: CMG FT4						0.96 mm 20 AWG (7x28) BC	0.048	1.21	Overall Beldfoil® + Drain Wire (24 AWG TC)		see chart below
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5400FE	2 CDR	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	7.9 9.0 8.6 15.9 15.9	3.6 4.1 3.9 7.2 7.2						0.145	3.68
5401FE	3 CDR	U-500 500 U-1000 1000	U-152 152 U-305 305	11.0 10.6 20.9 20.9	5.0 4.8 9.5 9.5						0.153	3.89
5402FE	4 CDR	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	11.9 12.6 13.0 24.9 26.0	5.4 5.7 5.9 11.3 11.8						0.168	4.27
5403FE	5 CDR	U-1000 1000	U-305 305	30.0 30.0	13.6 13.6						0.184	4.67
5405FE	7 CDR	U-1000 1000	U-305 305	39.0 40.1	17.7 18.2						0.201	5.11
5407FE	9 CDR	1000	305	51.1	23.2						0.236	5.99

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V 70°C	IEC 60754-2						0.96 mm 20 AWG (7x28) BC	0.057	1.45	Overall Beldfoil® + Drain Wire (24 AWG TC)		see chart below
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4400FE	2 CDR	328 1640	100 500	4.6 23.6	2.1 10.7						0.146	3.70
4401FE	3 CDR	328 1640	100 500	6.0 30.0	2.7 13.6						0.154	3.90
4402FE	4 CDR	328 1640	100 500	7.5 37.9	3.4 17.2						0.169	4.30
4403FE	5 CDR	328 1640	100 500	4.6 23.6	2.1 10.7						0.185	4.70

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

Color Code

Cond. No.	Color
1	Black
2	Red
3	White
4	Green
5	Brown

Color Code

Cond. No.	Color
6	Blue
7	Orange
8	Yellow
9	Purple

Security and Alarm Cables

Commercial Applications Shielded

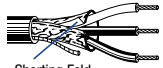


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

18 AWG • Stranded (7x26) 1.2 mm Bare Copper • Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded

PVC Insulation • Grey PVC Jacket

300V 75°C	NEC: CMR CEC: CMG FT4	1.22 mm 18 AWG (7x26) BC	0.058	1.47	Overall Beldfoil® + Drain Wire (24 AWG TC)	see chart below
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Shorting Fold

5300FE	2 CDR	C-500	C-152	11.0	5.0	0.165	4.19						
		U-500	U-152	12.1	5.5								
		500	152	12.1	5.5								
		U-1000	U-305	22.9	10.4								
1000	305	22.9	10.4										
5301FE	3 CDR	U-500	U-152	15.4	7.0	0.175	4.45						
		500	152	15.0	6.8								
		U-1000	U-305	30.0	13.6								
		1000	305	30.0	13.6								
5302FE	4 CDR	C-250	C-76	8.8	4.0	0.192	4.88						
		U-500	U-152	19.0	8.6								
		500	152	20.5	9.3								
		U-1000	U-305	35.9	16.3								
1000	305	37.0	16.8										
5303FE	5 CDR	U-500	U-152	22.5	10.2	0.211	5.36						
		500	152	22.5	10.2								
		U-1000	U-305	43.0	19.5								
		1000	305	45.2	20.5								
5304FE	6 CDR	U-500	U-152	28.4	12.9	0.230	5.84						
		500	152	26.0	11.8								
		1000	305	57.1	25.9								
5305FE	7 CDR	1000	305	57.1	25.9	0.230	5.84						
5306FE	8 CDR	500	152	32.0	14.5	0.270	6.86						
		1000	305	64.2	29.1								
Also available in Natural.													
5307FE	9 CDR	1000	305	71.2	32.3	0.272	6.91						

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

Color Code

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

Security and Alarm Cables

Commercial Applications 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 • Stranded (7x26) 1.2 mm Bare Copper • Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded														
Polyethylene Insulation • Grey FRNC/LSNH Jacket														
300V 70°C		IEC 60754-2					1.22 mm 18 AWG (7x26) BC	0.068	1.72	Overall Beldfoil® + Drain Wire (24 AWG TC)	see chart below			
 Shorting Fold														
	4300FE	2 CDR	328 1640	100 500	7.1 35.5	3.2 16.1					0.165	4.20		
	4301FE	3 CDR	328 1640	100 500	9.3 45.9	4.2 20.8					0.177	4.50		
	4302FE	4 CDR	328 1640	100 500	11.7 58.2	5.3 26.4					0.193	4.90		
	4303FE	5 CDR	328 1640	100 500	12.8 63.7	5.8 28.9					0.193	4.90		
	4304FE	6 CDR	328 1640	100 500	16.5 82.7	7.5 37.5					0.228	5.80		
	4306FE	8 CDR	328 1640	100 500	20.5 102.7	9.3 46.6					0.272	6.90		
	4307FE	9 CDR	328 1640	100 500	22.0 110.2	10.0 50.0					0.283	7.20		

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

Color Code

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

Security and Alarm Cables

Commercial Applications Shielded



De- scription	Part No.	No. of Cond. (CDR)	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Conductor OD		Shielding Material Nom. DCR	Nominal OD		Application
			ft.	m	lbs.	kg		AWG	Section mm ²		inch	mm	

18 AWG • Stranded (32x0.20) 1.2 mm Bare Copper • Overall Alufoil • Color Coded

PVC Insulation • White Flame-Resistant PVC Jacket (Color Code: see chart 11, Tech Info Section)

500V

Overall
Alufoil

- Alarm systems
- Smoke survey
- Fire survey
- Industrial checks



LiY (St) Y

SEC0047	2	328	100	110.2	50.0	(20x0.243) BC	17	1.00	0.220	5.60
SEC0048	3	328	100	132.3	60.0	(20x0.243) BC	17	1.00	0.256	6.50
SEC0049	4	328	100	187.4	85.0	(20x0.243) BC	17	1.00	0.276	7.00
SEC0050	5	328	100	220.5	100.0	(20x0.243) BC	17	1.00	0.319	8.10

BC = Bare Copper • DCR = DC resistance

Security and Alarm Cables
Commercial Applications Shielded

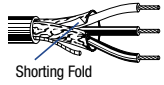


De-scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

16 AWG • Stranded (19x29) 1.5 mm Bare Copper • Beldfoil® Shield • 18 AWG Tinned Copper Drain Wire • Numbered and Color Coded

PVC Insulation • Grey PVC Jacket

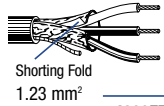
300V 75°C	NEC: CMR CEC: CMG FT4						1.47 mm 16 AWG (19x29) BC	0.068	1.72	Overall Beldfoil® + Drain Wire (18 AWG TC)			
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5200FE	2 CDR	U-500	U-152	16.5	7.5						0.188	4.78	Black, Red	
		500	152	16.5	7.5									
		U-1000	U-305	31.1	14.1									
		1000	305	32.0	14.5									
Also available in White.														
5201FE	3 CDR	500	152	21.6	9.8						0.200	5.08	Black, Red, White	
		U-1000	U-305	43.0	19.5									
		1000	305	42.1	19.1									
5202FE	4 CDR	500	152	26.5	12.0						0.220	5.59	Black, Red, White, Green	
		1000	305	54.0	24.5									

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V 70°C	IEC 60754-2						1.47 mm 16 AWG (19x29) BC	0.077	1.95	Overall Beldfoil® + Drain Wire (18 AWG TC)			
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4200FE	2 CDR	328	100	9.7	4.4						0.189	4.80	Black, Red
		1640	500	48.1	21.8								
4201FE	3 CDR	328	100	11.9	5.4						0.201	5.10	Black, Red, White
		1640	500	59.5	27.0								
4202FE	4 CDR	328	100	15.2	6.9						0.220	5.60	Black, Red, White, Green
		1640	500	75.8	34.4								

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

Security and Alarm Cables

Commercial Applications Shielded

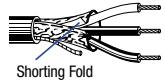


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

14 AWG • Stranded (19x27) 1.9 mm Bare Copper • Beldfoil® Shield • 16 AWG Tinned Copper Drain Wire

PVC Insulation • Grey PVC Jacket

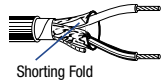
300V 75°C		NEC: CL3R					1.85 mm 14 AWG (19x27) BC	0.087	2.21	Overall Beldfoil® + Drain Wire (16 AWG TC)			
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5100FE	2 CDR		500	152	28.4	12.9					0.238	6.05	Black, White
			U-1000	U-305	48.9	22.2							
			1000	305	51.1	23.2							
5101FE	3 CDR		1000	305	66.1	30.0					0.253	6.43	Black, White, Red

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V 70°C	4100FE	IEC 60754-2	328	100	14.3	6.5	1.85 mm 14 AWG (19x27) BC	0.099	2.52	Overall Beldfoil® + Drain Wire (16 AWG TC)	0.240	6.10	Black, White
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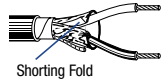


2 CDR

12 AWG • Stranded (19x25) 2.4 mm Bare Copper • Beldfoil® Shield • 16 AWG Tinned Copper Drain Wire

PVC Insulation • Grey PVC Jacket

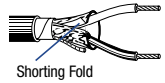
300V 75°C	5000FE	NEC: CL3R	500	152	36.6	16.6	2.36 mm 12 AWG (19x25) BC	0.107	2.72	Overall Beldfoil® + Drain Wire (16 AWG TC)	0.272	6.91	Black, White
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2 CDR

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V 70°C	4000FE	IEC 60754-2	328	100	19.2	8.7	2.36 mm 12 AWG (19x25) BC	0.118	3.00	Overall Beldfoil® + Drain Wire (16 AWG TC)	0.272	6.90	Black, White
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2 CDR

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

20 • New Generation® Cables

Security and Alarm Cables

Water-Blocked for Use in Underground Ducts
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 • Stranded (7x26) 1.2 mm Tinned Copper • **Overall Water-Blocking Tape** • Numbered and Color Coded • Rip Cord

PVC Insulation • Grey PVC Jacket

300V 105°C	5300U1	NEC:	U-500	U-152	12.1	5.5	1.22 mm	0.058	1.47	Unshielded	0.207	5.26	Black, Red
		CM	500	152	13.4	6.1	18 AWG						
		CEC:	U-1000	U-305	22.0	10.0	(7x26) TC						
		CM FT1	1000	305	24.0	10.9							



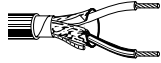
Rip Cord

2 CDR

22 AWG • Stranded (7x30) 0.8 mm Tinned Copper • **Beldfoil®** Shield • **Overall Water-Blocking Tape** • Numbered and Color Coded

PVC Insulation • Grey PVC Jacket

300V 105°C	5500F1	NEC:	U-500	U-152	9.0	4.1	0.76 mm	0.058	1.47	Overall Beldfoil®	0.192	4.88	Black, Red
		CM	500	152	9.0	4.1	22 AWG						
		CEC:	U-1000	U-305	16.1	7.3	(7x30) TC						
		CM FT1	1000	305	17.0	7.7							

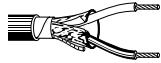


2 CDR

20 AWG • Stranded (7x28) 1.0 mm Tinned Copper • **Beldfoil®** Shield • **Overall Water-Blocking Tape** • Numbered and Color Coded

PVC Insulation • Grey PVC Jacket

300V 105°C	5400F1	NEC:	U-500	U-152	11.5	5.2	0.96 mm	0.048	1.21	Overall Beldfoil®	0.206	5.23	Black, Red
		CM	500	152	11.0	5.0	20 AWG						
		CEC:	U-1000	U-305	20.9	9.5	(7x28) TC						
		CM FT1	1000	305	20.9	9.5							



2 CDR

18 AWG • Stranded (7x26) 1.2 mm Tinned Copper • **Beldfoil®** Shield • **Overall Water-Blocking Tape** • Numbered and Color Coded

PVC Insulation • Grey PVC Jacket

300V 105°C	5300F1	NEC:	U-500	U-152	15.0	6.8	1.22 mm	0.058	1.47	Overall Beldfoil®	0.222	5.64	Black, Red
		CM	500	152	15.0	6.8	18 AWG						
		CEC:	U-1000	U-305	29.1	13.2	(7x26) TC						
		CM FT1	1000	305	30.0	13.6							



2 CDR

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

Security and Alarm Cables

Commercial Applications Unshielded Twisted Pairs

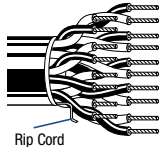


De- scription	Part No.	UL NEC / C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

22 AWG • Stranded (7x30) 0.8 mm Bare Copper • Twisted Pair • Numbered and Color Coded • Rip Cord

PVC Insulation • Grey PVC Jacket

300V 75°C	NEC: CMR CEC: CM FT4						0.76 mm 22 AWG (7x30) BC	0.040	1.01	Unshielded		see chart below
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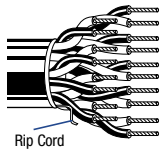


5541UE	2-Pair	U-1000 1000	U-305 305	18.1 19.0	8.2 8.6						0.206	5.23
5542UE	3-Pair	U-500 U-1000 1000	U-152 U-305 305	13.0 24.0 25.1	5.9 10.9 11.4						0.220	5.59
5543UE	4-Pair	U-1000 1000	U-305 305	32.0 32.0	14.5 14.5						0.243	6.17
5547UE	9-Pair	1000	305	70.1	31.8						0.334	8.48

18 AWG • Stranded (7x26) 1.2 mm Bare Copper • Twisted Pair • Numbered and Color Coded • Rip Cord

PVC Insulation • Grey PVC Jacket

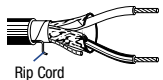
300V 75°C	NEC: CMR CEC: CM FT4						1.22 mm 18 AWG (7x26) BC	0.058	1.47	Unshielded		see chart below
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5341UE	2-Pair	U-1000 1000	U-305 305	34.0 36.2	15.4 16.4						0.266	6.76
5342UE	3-Pair	U-1000 1000	U-305 305	48.1 50.0	21.8 22.7						0.283	7.19
5343UE	4-Pair	1000	305	67.2	30.5						0.320	8.13
5345UE	6-Pair	1000	305	96.1	43.6						0.362	9.19
5347UE	9-Pair	1000	305	140.2	63.6						0.434	11.02

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V 75°C	4341UE	IEC 60754-2	328 1640	100 500	10.6 53.1	4.8 24.1	1.22 mm 18 AWG (7x26) BC	0.058	1.47	Unshielded	0.264	6.70	see chart below
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2-Pair

BC = Bare Copper • DCR = DC resistance

Color Code

Pair No.	Color	Pair No.	Color	Pair No.	Color
1	Black, Red	4	Black, Blue	7	Black, Orange
2	Black, White	5	Black, Yellow	8	Black, White
3	Black, Green	6	Black, Brown	9	Black, Green

Security and Alarm Cables

Commercial Applications Shielded Twisted Pairs

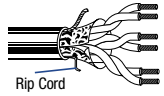


De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

22 AWG • Stranded (7x30) 0.8 mm BC • Twisted Pair • **Beldfoil®** Shield • 24 AWG TC Drain Wire • Numbered and Color Coded • Rip Cord

PVC Insulation • Grey PVC Jacket

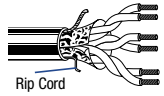
300V 75°C	NEC: CMR CEC: CM FT4						0.76 mm 22 AWG (7x30) BC	0.040	1.01	Overall Beldfoil® + Drain Wire (24 AWG TC)		see chart below
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5541FE	2-Pair	U-500 U-1000 1000	U-152 U-305 305	11.5 20.9 22.9	5.2 9.5 10.4						0.209	5.31
5542FE	3-Pair	U-1000 1000	U-305 305	27.1 29.1	12.3 13.2						0.223	5.66
5543FE	4-Pair	1000	305	34.0	15.4						0.246	6.25
5545FE	6-Pair	U-1000 1000	U-305 305	46.1 48.1	20.9 21.8						0.278	7.06

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V 70°C							0.76 mm 22 AWG (7x30) BC	0.049	1.25	Overall Beldfoil® + Drain Wire (24 AWG TC)		see chart below
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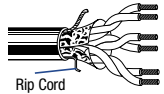


4541FE	2-Pair	328 1640	100 500	6.2 31.5	2.8 14.3						0.209	5.30
4542FE	3-Pair	328 1640	100 500	7.7 39.0	3.5 17.7						0.224	5.70
4545FE	6-Pair	328 1640	100 500	13.9 69.4	6.3 31.5						0.280	7.10

20 AWG • Stranded (7x28) 1.0 mm BC • Twisted Pair • **Beldfoil®** Shield • 24 AWG TC Drain Wire • Numbered and Color Coded • Rip Cord

PVC Insulation • Grey PVC Jacket

300V 75°C	NEC: CMR CEC: CM FT4						0.96 mm 20 AWG (7x28) BC	0.048	1.21	Overall Beldfoil® + Drain Wire (24 AWG TC)		see chart below
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5441FE	2-Pair	500 U-1000 1000	152 U-305 305	15.0 29.1 29.1	6.8 13.2 13.2						0.235	5.97
5442FE	3-Pair	U-1000 1000	U-305 305	37.9 37.9	17.2 17.2						0.252	6.40
5445FE	6-Pair	1000	305	72.1	32.7						0.323	8.20

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

Color Code

Pair No.	Color	Pair No.	Color
1	Black, Red	4	Black, Blue
2	Black, White	5	Black, Yellow
3	Black, Green	6	Black, Brown



For more information, contact Belden Technical Support +31-77-3875-414 • www.belden-emea.com

Security and Alarm Cables

Commercial Applications Shielded Twisted Pairs



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	
20 AWG • Stranded (7x28) 1.0 mm BC • Twisted Pair • Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded													
Polyethylene Insulation • Grey FRNC/LSNH Jacket													
300V 70°C		IEC 60754-2					0.96 mm 20 AWG (7x28) BC	0.057	1.45	Overall Beldfoil® + Drain Wire (24 AWG TC)		see chart below	
4441FE	2-Pair		328 1640	100 500	7.7 39.0	3.5 17.7						0.236 6.00	
4445FE	6-Pair		328 1640	100 500	18.7 93.3	8.5 42.3						0.323 8.20	
18 AWG • Stranded (7x26) 1.2 mm BC • Twisted Pair • Beldfoil® Shield • 24 AWG Tinned Copper Drain Wire • Numbered and Color Coded													
PVC Insulation • Overall Grey PVC Jacket													
300V 75°C		NEC: CMR CEC: CM FT4					1.22 mm 18 AWG (7x26) BC	0.058	1.47	Overall Beldfoil® + Drain Wire (24 AWG TC)		see chart below	
5341FE	2-Pair		500 U-1000 1000	152 U-305 305	20.9 39.9 42.1	9.5 18.1 19.1						0.270 6.86	
5342FE	3-Pair		1000	305	52.0	23.6						0.275 6.99	
5343FE	4-Pair		1000	305	70.1	31.8						0.318 8.08	
5345FE	6-Pair		500 1000	152 305	52.7 103.2	23.9 46.8						0.373 9.47	
Polyethylene Insulation • Grey FRNC/LSNH Jacket													
300V 70°C		IEC 60754-2					1.22 mm 18 AWG (7x26) BC	0.068	1.72	Overall Beldfoil® + Drain Wire (24 AWG TC)		see chart below	
4341FE	2-Pair		328 1640	100 500	13.7 68.6	6.2 31.1						0.264 6.70	
4342FE	3-Pair		1640	500	82.0	37.2						0.276 7.00	
4343FE	4-Pair		1640	500	103.0	46.7						0.319 8.10	
4345FE	6-Pair		1640	500	161.6	73.3						0.374 9.50	

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

Color Code

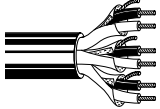
Pair No.	Color	Pair No.	Color
1	Black, Red	4	Black, Blue
2	Black, White	5	Black, Yellow
3	Black, Green	6	Black, Brown

Security and Alarm Cables

Commercial Applications Individually Shielded Twisted Pairs



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 • Stranded (7x30) 0.8 mm BC • Twisted Pair • Each Pair Beldfoil® Shielded • 24 AWG TC Drain Wire • Numbered and Color Coded													
PVC Insulation • Grey PVC Jacket													
300V 75°C	5543PE	NEC: CMR CEC: CMG FT4	1000	305	55.1	25.0	0.76 mm 22 AWG (7x30) BC	0.040	1.01	Individual Beldfoil® + Drain Wire (24 AWG TC)	0.303	7.70	see chart below



4-Pair

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

Color Code

Pair No.	Color
1	Black, Red
2	Black, White
3	Black, Green
4	Black, Blue

Security and Alarm CablesCommercial Applications, Individually Shielded Twisted Pairs
plus Conductors

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 • Stranded (7x30) 0.8 mm BC • Twisted Pair • Each Pair **Beldfoil®** Shielded • 24 AWG TC Drain Wire • With Additional Conductor(s) • Numbered and Color Coded

PVC Insulation • Grey PVC Jacket

300V 75°C		NEC: CMR CEC: CMG FT4					0.76 mm 22 AWG (7x30) BC	0.040	1.01	Individual Beldfoil® + Drain Wire (24 AWG TC)			
 Shorting Fold													
5501GE	1 STP +1/C	U-1000	U-305	16.1	7.3						0.171	4.34	Black & Red (shielded pair), White
5502GE	1 STP +2/C	U-500 U-1000 1000	U-152 U-305 305	9.9 19.0 19.0	4.5 8.6 8.6						0.186	4.72	Black & Red (shielded pair), White, Green
5542GE	1 STP +2/TP	U-1000	U-305	26.0	11.8						0.220	5.59	Black & Red (shielded pair), Black & Red, Black & Green pairs

Polyethylene Insulation • Grey FRNC/LSNH Jacket

300V 70°C	4502GE	IEC: 60754-2	328 1640	100 500	6.0 30.0	2.7 13.6	0.76 mm 22 AWG (7x30) BC	0.049	1.25	Individual Beldfoil® + Drain Wire (24 AWG TC)	0.185	4.70	Black & Red (shielded pair), White, Green
 Shorting Fold													
	1 STP + 2/C												

20 AWG • Stranded (7x28) 1.0 mm BC • Twisted Pair • Each Pair **Beldfoil®** Shielded • 24 AWG TC Drain Wire • With Additional Conductor(s) • Numbered and Color Coded

PVC Insulation • Grey PVC Jacket

300V 75°C		NEC: CMR CEC: CMG FT4					0.96 mm 20 AWG (7x28) BC	0.042	1.06	Individual Beldfoil® + Drain Wire (24 AWG TC)			
 Shorting Fold													
5401GE	1 STP +1/C	1000	305	22.9	10.4						0.196	4.98	Black & Red (shielded pair), White
5402GE	1 STP +2/C	U-1000	U-305	26.0	11.8						0.200	5.08	Black & Red (shielded pair), White, Green

18 AWG • Stranded (7x26) 1.2 mm BC • Twisted Pair • Each Pair **Beldfoil®** Shielded • 24 AWG TC Drain Wire • With Additional Conductor(s) • Numbered and Color Coded

PVC Insulation • Grey PVC Jacket

300V 70°C	5302GE	NEC: CMR CEC: CMG FT4	1000	305	31.5	14.3	1.22 mm 18 AWG (7x26) BC	0.058	1.47	Individual Beldfoil® + Drain Wire (24 AWG TC)	0.225	5.72	Black & Red (shielded pair), White
 Shorting Fold													
	1 STP + 2/C												

TC = Tinned Copper • BC = Bare Copper • STP = Shielded Twisted Pair(s) • /C = Conductor(s) • DCR = DC resistance