

Security and Alarm Cables

Commercial Applications Unshielded

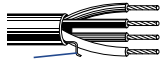


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

22 AWG • Stranded (7x30) 0.8 mm Bare Copper • Numbered and Color Coded • Rip Cord**PVC Insulation • Grey PVC Jacket**300V
75°CNEC:
CMR
CEC:
CMF FT40.76 mm
22 AWG
(7x30) BC

0.040 1.01 Unshielded

see chart below



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	7.5	3.4	0.148	3.76
		U-500	U-152	9.0	4.1		
		U-1000	U-305	16.1	7.3		
		1000	305	16.1	7.3		
Also available in White.							
5503UE	5 CDR	U-1000	U-305	20.1	9.1	0.162	4.11
		1000	305	20.1	9.1		
5504UE	6 CDR	C-500	C-152	12.6	5.7	0.177	4.50
		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

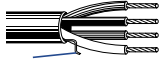


De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

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
1	Black
2	Red
3	White
4	Green
5	Brown
6	Blue

Cond. No.	Color
7	Orange
8	Yellow
9	Purple
10	Grey
11	Pink
12	Tan

Security and Alarm Cables

Commercial Applications Unshielded

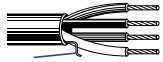


De- scription	Part No.	UL NEC / C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

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

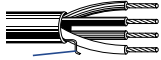


De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

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



Rip Cord

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	Cond. No.	Color
1	Black	11	Pink
2	Red	12	Tan
3	White	13	White/Black
4	Green	14	White/Red
5	Brown	15	White/Green
6	Blue	16	White/Orange
7	Orange	17	White/Blue
8	Yellow	18	White/Brown
9	Purple	19	White/Yellow
10	Grey	20	White/Purple

Security and Alarm Cables

Commercial Applications Unshielded

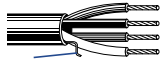


De- scription	Part No.	UL NEC / C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

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
--------------	-------------	--	--------------------------------	-------	------	------------	-----------------



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
--------------	--------------------------------	--	---------------------------------	-------	------	------------	-----------------



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

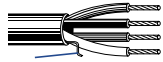
Commercial Applications Unshielded



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			
--------------	-------------	--	--	--	--	--	---------------------------------	-------	------	------------	--	--	--



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			
--------------	-----------------------------	--	--	--	--	--	---------------------------------	-------	------	------------	--	--	--

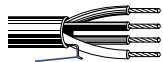


Rip Cord

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			
--------------	-------------	--	--	--	--	--	---------------------------------	-------	------	------------	--	--	--



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

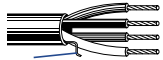


De- scription	Part No.	UL NEC/ C(UL)/CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Color Code
			ft.	m	lbs.	kg		inch	mm		inch	mm	

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			
--------------	--------------	--	--	--	--	--	---------------------------------	-------	------	------------	--	--	--



Rip Cord

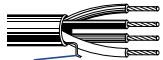
5000UE	2 CDR	500	152	29.1	13.2						0.268	6.81	Black, White
		1000	305	57.1	25.9								

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			
--------------	-------------	--	--	--	--	--	---------------------------------	-------	------	------------	--	--	--



Rip Cord

4000UE	2 CDR	328	100	16.5	7.5						0.268	6.80	Black, White
		1640	500	83.1	37.7								

4001UE	3 CDR	1640	500	375.2	170.2						0.287	7.30	Black, White, Red
---------------	-------	------	-----	-------	-------	--	--	--	--	--	-------	------	-------------------

BC = Bare Copper • DCR = DC resistance