

Security and Alarm Cable

Residential, Light Commercial and Institutional Applications
Unshielded



Unshielded Multi-conductor

CM FT1 Rated

Product Description

Bare copper conductors, polypropylene insulation, PVC jacket. Available in Beige, Brown, Orange, Yellow, Green, Blue, Purple, Gray or White jacket colors (except as noted in footnote). Conductors may not be cabled. Sequential footage marking every two feet.

Color Code: See chart below.

Specifications

Conductor	Bare Copper
Insulation	Polypropylene
Insulation Thickness	.006" (.152mm)
Jacket	PVC
Approvals	
NEC	CM
CEC	CM FT1
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls
- Single Line Telephone
- Station Wire (5582UG)

Solid Conductor



Stranded Conductor



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 CM and CEC CM FT1)

22 AWG										
5500UG*	2	7	C-500	C-152	3.5	1.6	.015	.38	.114	2.90
			U-500	U-152	5.0	2.3				
			C-1000	C-305	7.0	3.2				
			U-1000	U-305	9.0	4.1				
5582UG**	4	solid	C-500	C-152	6.0	2.7	.015	.38	.122	3.10
			C-1000	C-305	12.0	5.4				
			U-1000	U-305	13.0	6.0				
5502UG	4	7	C-500	C-152	6.5	3.0	.015	.38	.131	3.33
			U-500 ▲	U-152	7.5	3.4				
			C-1000	C-305	13.0	6.0				
			U-1000	U-305	14.0	6.4				
5522UG† <small>new</small>	4	solid	C-500	C-152	6.0	2.7	.015	.38	.122	3.10
			C-1000	C-305	12.0	5.4				
5520UG <small>new</small>	2	solid	C-500 ♦	C-152	3.5	1.6	.015	.38	.106	2.69
			C-1000	C-305	7.0	3.2				
18 AWG										
5300UG††	2	7	C-500	C-152	7.5	3.4	.015	.38	.148	3.76
			U-500	U-152	8.5	3.9				
			U-1000	U-305	16.0	7.3				

* U-1000 available in Brown, Gray or Natural only.

** 5582UG available in Brown, Gray, White or Beige only.

† 5522UG available in White only.

†† 5300UG available in Gray, Black or Natural only.

▲ 5502UG U-500 ft. put-up available in Gray or White only.

♦ 5520UG C-500 ft. put-up available in Gray or White only.

Color Code Chart ▼

(5500UG, 5502UG, 5520UG, 5522UG, 5300UG)

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

Color Code Chart

(5582UG)

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

▼ Except 5582UG which is Black, Red, Yellow, Green for use as station wire.

Security and Alarm Cable

Commercial Applications
Unshielded



Unshielded Multi-conductor CMR/CMG FT4 Rated

Product Description

Bare copper conductors, PVC insulation, Gray PVC jacket with rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

Specifications

Conductor	Bare Copper
Insulation	PVC
Insulation Thickness	.010" (.254mm)
Jacket	PVC
Approvals	
NEC	CMR
CEC	CMG FT4
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

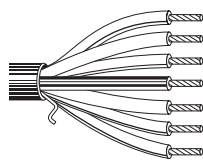
Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls
- Single Line Telephone

Solid Conductor



Stranded Conductor



Color Code Chart ††

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	Gray	20	White/Purple

††Except 5582UE which is Black, Red, Yellow, Green for use as station wire.

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 CMR and CEC CMG FT4)

22 AWG										
5520UE	2	solid	C-500 U-500 C-1000 U-1000 1000	C-152 U-152 C-305 U-305 305	4.0 5.5 8.0 9.0 9.0	1.8 2.5 3.6 4.1 4.1	.015	.38	.122	3.10
5500UE	2	7	C-500 U-500 500 C-1000 U-1000 1000	C-152 U-152 152 C-305 U-305 305	4.0 5.5 5.5 8.0 10.0 9.0	1.8 2.5 2.5 3.6 4.5 4.1	.015	.38	.128	3.25
5501UE	3	7	U-1000 1000	U-305 305	13.0 13.0	5.9 5.9	.015	.38	.135	3.43
5522UE	4	solid	U-1000 1000	U-305 305	16.0 16.0	7.3 7.3	.015	.38	.141	3.58
5582UE*	4	solid	C-500 U-500 U-1000 1000	C-152 U-152 U-305 305	7.0 6.5 12.0 12.0	3.2 3.0 5.5 5.5	.015	.38	.141	3.58
5502UE**	4	7	C-500 U-500 U-1000 1000	C-152 U-152 U-305 305	7.5 9.0 16.0 16.0	3.4 4.1 7.3 7.3	.015	.38	.148	3.76
5503UE	5	7	U-1000 1000	U-305 305	20.0 20.0	9.1 9.1	.015	.38	.162	4.11
5524UE	6	solid	C-500 1000	C-152 305	10.5 22.0	4.8 10.0	.015	.38	.168	4.27
5504UE**	6	7	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	12.5 14.0 13.5 27.0 27.0	5.7 6.4 6.1 12.3 12.3	.015	.38	.177	4.50
5526UE	8	solid	1000	305	28.0	12.7	.015	.38	.182	4.62
5506UE	8	7	U-1000 1000	U-305 305	29.0 30.0	13.2 13.6	.015	.38	.192	4.88
5508UE	10	7	U-1000 1000	U-305 305	36.0 41.0	16.3 18.6	.015	.38	.226	5.74
5529UE	12	solid	U-1000 1000	U-305 305	40.0 42.0	18.1 19.1	.015	.38	.221	5.61
5509UE	12	7	U-500 U-1000 1000	U-152 U-305 305	21.5 42.0 47.0	9.8 19.1 21.4	.015	.38	.233	5.92
20 AWG										
5400UE	2	7	C-500 U-1000 1000	C-152 U-305 305	6.0 13.0 13.0	2.7 5.9 5.9	.015	.38	.142	3.61
5401UE	3	7	500 U-1000 1000	152 U-305 305	9.0 18.0 18.0	4.1 8.2 8.2	.015	.38	.150	3.81
5402UE	4	7	C-500 U-1000 1000	C-152 U-305 305	10.5 23.0 23.0	4.8 10.5 10.5	.015	.38	.165	4.19
5403UE	5	7	U-1000 1000	U-305 305	27.0 28.0	12.2 12.7	.015	.38	.181	4.60
5405UE	7	7	500 1000	152 305	19.0 40.0	8.6 18.2	.015	.38	.198	5.03
5406UE	8	7	U-1000 1000	U-305 305	41.0 43.0	18.6 19.5	.015	.38	.215	5.46
5407UE	9	7	1000	305	48.0	21.8	.015	.38	.233	5.92
5408UE	10	7	1000	305	53.0	24.1	.015	.38	.254	6.45
5409UE	12	7	1000	305	62.0	28.1	.015	.38	.262	6.65
540BUE	20	7	1000	305	110.0	49.9	.025	.64	.347	8.81

* 5582UE also available in Beige, Brown or White.

** 5502UE and 5504UE also available in White.



Security and Alarm Cable

Commercial Applications
Unshielded



Unshielded Multi-conductor (cont'd.)
CMR/CMG FT4 Rated

Product Description

Bare copper conductors, PVC insulation, Gray PVC jacket with rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

Specifications

Conductor	Bare Copper
Insulation	PVC
Insulation Thickness	.010" (.254mm)
Jacket	PVC
Approvals	
NEC	CMR
CEC	CMG FT4
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

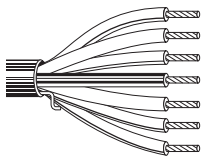
Applications

- Addressable Fire Systems
- Data Circuits
- Monitor/Detection
- Control Circuits
- Initiating Circuits
- Notification Circuits

Solid Conductor



Stranded Conductor



Color Code Chart

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	Gray	20	White/Purple

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 CMR and CEC CMG FT4)

18 AWG										
5320UE	2	solid	C-500 U-1000	C-152 U-305	7.5 17.0	3.4 7.7	.015	.38	.151	3.84
5300UE*	2	7	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	8.5 9.5 9.5 17.0 18.0	3.9 4.3 4.3 7.7 8.2	.015	.38	.161	4.09
5321UE	3	solid	U-1000 1000	U-305 305	23.0 23.0	10.4 10.4	.015	.38	.160	4.06
5301UE	3	7	500 U-1000 1000	152 U-305 305	12.5 25.0 25.0	5.7 11.3 11.3	.015	.38	.171	4.34
5322UE	4	solid	1000	305	30.0	13.6	.015	.38	.176	4.47
5302UE	4	7	C-250 U-500 500 U-1000 1000	C-76.2 U-152 152 U-305 305	7.5 16.5 16.0 32.0 32.0	3.4 7.5 7.3 14.5 14.5	.015	.38	.188	4.78
5303UE	5	7	500 U-1000 1000	152 U-305 305	20.5 39.0 39.0	9.3 17.7 17.7	.015	.38	.207	5.26
5304UE	6	7	500 U-1000 1000	152 U-305 305	26.0 51.0 52.0	11.8 23.2 23.6	.015	.38	.226	5.74
5305UE	7	7	U-1000 1000	U-305 305	51.0 52.0	23.2 23.6	.015	.38	.226	5.74
5306UE	8	7	500 1000	152 305	30.0 59.0	13.6 26.8	.015	.38	.248	6.30
5307UE	9	7	1000	305	66.0	30.0	.015	.38	.269	6.83
5308UE	10	7	500 1000	152 305	38.5 74.0	17.5 33.6	.015	.38	.294	7.47
5309UE	12	7	500 1000	152 305	47.5 90.0	21.6 40.9	.020	.51	.314	7.98
530BUE	20	7	1000	305	152.0	69.0	.025	.64	.400	10.16
16 AWG										
5200UE	2	19	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	11.5 13.0 12.5 24.0 25.0	5.2 5.9 5.7 10.9 11.4	.015	.38	.184	4.67
5201UE	3	19	U-500 500 U-1000 1000	U-152 152 U-305 305	18.5 18.0 35.0 38.0	8.4 8.2 15.9 17.3	.015	.38	.196	4.98
5202UE	4	19	U-500 500 U-1000 1000	U-152 152 U-305 305	23.5 23.0 45.0 47.0	10.7 10.4 20.4 21.3	.015	.38	.216	5.49
5205UE	7	19	1000	305	77.0	35.0	.015	.38	.261	6.63

*5300UE also available in White or Black.



Security and Alarm Cable

Commercial Applications
Unshielded



Unshielded Multi-conductor CMR/CL3R Rated

Product Description

Bare copper conductors, PVC insulation, Gray PVC jacket with rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

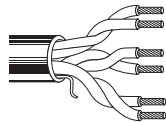
Specifications

Conductor	Bare Copper
Insulation	PVC
Insulation Thickness	.014" (.356mm)
Jacket	PVC
Approvals	NEC CMR FPLR† & CL3R
NEC Articles	725 & 760
Voltage Rating	300V
Temperature Rating	75°C

†CMR FPLR dual rating for 5000UE, 5100UE, 5000FE and 5100FE only.

Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls
- Single Line Telephone
- Fire Alarm Systems (Red Only) Dual Rated**



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 CMR FPLR CL3R)

14 AWG										
5100UE*	2	19	500	152	20.0	9.1	.015	.38	.234	5.94
			U-1000	U-305	38.0	17.2				
			1000	305	40.0	18.2				
5101UE	3	19	1000	305	56.0	25.5	.015	.38	.249	6.32
5102UE	4	19	500	152	38.5	17.5	.015	.38	.276	7.01
			1000	305	71.0	33.2				
12 AWG										
5000UE*	2	19	500	152	29.0	13.2	.015	.38	.268	6.81
			1000	305	57.0	25.9				
5001UE	3	19	1000	305	82.0	37.3	.015	.38	.286	7.26

*5100UE and 5000UE also available in Red for Fire Alarm (FPLR).

Color Code Chart

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

Security and Alarm Cable

Commercial Applications
Shielded



Shielded Multi-conductor CMR/CMG FT4 Rated

Product Description

Bare copper conductors, PVC insulation, cabled, Beldfoil® shield tape (foil side out) with drain wire, Gray PVC jacket with rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

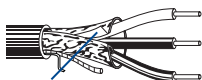
Specifications

Conductor	Bare Copper
Insulation	PVC
Insulation Thickness	.010" (.254mm)
Shield	Beldfoil
Jacket	PVC
Approvals	
NEC	CMR
CEC	CMG FT4
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

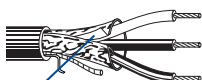
- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

Solid Conductor



Shorting Fold

Stranded Conductor



Shorting Fold

Color Code Chart

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

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

Shielded Multi-conductor (NEC CMR and CEC CMG FT4)

24 AWG										
5600FE	2	7	U-1000 1000	U-305 305	11.0 10.0	5.0 4.5	.015	.38	.120	3.05
22 AWG										
5520FE	2	solid	C-500 C-1000 U-1000 1000	C-152 C-305 U-305 305	6.5 13.0 14.0 14.0	3.0 5.9 6.4 6.4	.015	.38	.125	3.18
5500FE	2	7	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	5.5 6.5 6.5 12.0 12.0	2.5 3.0 3.0 5.4 5.4	.015	.38	.130	3.30
5521FE	3	solid	U-1000 1000	U-305 305	12.0 12.0	5.4 5.4	.015	.38	.132	3.35
5501FE	3	7	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	7.0 8.0 7.5 15.0 15.0	3.2 3.6 3.4 6.8 6.8	.015	.38	.138	3.51
5502FE	4	7	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	8.5 9.5 9.5 18.0 18.0	3.9 4.3 4.3 8.2 8.2	.015	.38	.152	3.86
5503FE	5	7	1000	305	22.0	10.0	.015	.38	.165	4.19
5504FE	6	7	C-500 U-500 U-1000 1000	C-152 U-152 U-305 305	13.5 15.0 29.0 29.0	6.1 6.8 13.2 13.2	.015	.38	.179	4.55
5506FE	8	7	U-500 U-1000 1000	U-152 U-305 305	16.5 32.0 32.0	7.5 14.5 14.5	.015	.38	.196	4.98
5508FE	10	7	U-500 U-1000 1000	U-152 U-305 305	19.5 38.0 44.0	8.9 17.2 20.0	.015	.38	.230	5.84
20 AWG										
5400FE	2	7	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	8.0 9.0 8.5 17.0 17.0	3.6 4.1 3.9 7.2 7.2	.015	.38	.145	3.68
5401FE	3	7	U-500 500 U-1000 1000	U-152 152 U-305 305	11.0 10.5 21.0 21.0	5.0 4.8 9.5 9.5	.015	.38	.153	3.89
5402FE	4	7	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	12.0 12.5 13.0 25.0 26.0	5.4 5.7 5.9 11.3 11.8	.015	.38	.168	4.27
5403FE	5	7	U-1000 1000	U-305 305	30.0 30.0	13.6 13.6	.015	.38	.184	4.67
5405FE	7	7	U-1000 1000	U-305 305	39.0 40.0	17.7 18.2	.015	.38	.201	5.11
5407FE	9	7	1000	305	51.0	23.2	.015	.38	.236	5.99

Security and Alarm Cable

Commercial Applications
Shielded



Shielded Multi-conductor (cont'd.)
CMR/CMG FT4 Rated or CL3R Rated

Product Description

Bare copper conductors, PVC insulation, cabled, Beldfoil® shield tape (foil side out) with drain wire, Gray PVC jacket with rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

Specifications

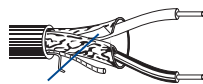
Conductor	Bare Copper
Insulation	PVC
Insulation Thickness	
18 to 16 AWG	.010" (.254mm)
14 to 12 AWG	.014" (.356mm)
Shield	Beldfoil
Jacket	PVC
Approvals	
NEC (18 to 16 AWG)	CMR FPLR†
CEC (18 to 16 AWG)	CMG FT4
NEC (14 to 12 AWG)	CL3R
NEC Articles	
18 to 16 AWG	800
14 to 12 AWG	725
Voltage Rating	300V
Temperature Rating	75°C

†CMR FPLR dual rating for 5000UE, 5100UE, 5000FE and 5100FE only.

Applications

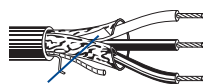
- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls
- Fire Alarm Systems (Red Only) Dual Rated†

Solid Conductor



Shorting Fold

Stranded Conductor



Shorting Fold

Color Code Chart (18 to 16 AWG)

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

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

Shielded Multi-conductor (NEC CMR and CEC CMG FT4)

18 AWG										
5320FE	2	solid	C-500	C-152	10.0	4.6	.015	.38	.155	3.94
			U-1000	U-305	21.0	9.5				
			1000	305	21.0	9.5				
5300FE	2	7	C-500	C-152	11.0	5.0	.015	.38	.165	4.19
			U-500	U-152	12.0	5.5				
			500	152	12.0	5.5				
			U-1000	U-305	23.0	10.4				
1000	305	23.0	10.4							
5301FE	3	7	U-500	U-152	15.5	7.0	.015	.38	.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	7	C-250	C-76	8.8	4.0	.015	.38	.192	4.88
			U-500	U-152	19.0	8.6				
			500	152	20.5	9.3				
			U-1000	U-305	36.0	16.3				
1000	305	37.0	16.8							
5303FE	5	7	U-500	U-152	22.5	10.2	.015	.38	.211	5.36
			500	152	22.5	10.2				
			U-1000	U-305	43.0	19.5				
1000	305	45.0	20.5							
5304FE	6	7	U-500	U-152	28.5	12.9	.015	.38	.230	5.84
			500	152	26.0	11.8				
			1000	305	57.0	25.9				
5305FE	7	7	1000	305	57.0	25.9	.015	.38	.230	5.84
5306FE*	8	7	500	152	32.0	14.5	.015	.38	.270	6.86
			1000	305	64.0	29.1				
5307FE	9	7	1000	305	71.0	32.3	.015	.38	.272	6.91
16 AWG										
5200FE**	2	19	U-500	U-152	16.5	7.5	.015	.38	.188	4.78
			500	152	16.5	7.5				
			U-1000	U-305	31.0	14.1				
1000	305	32.0	14.5							
5201FE	3	19	500	152	21.5	9.8	.015	.38	.200	5.08
			U-1000	U-305	42.0	19.1				
			1000	305	42.0	19.1				
5202FE	4	19	500	152	26.5	12.0	.015	.38	.220	5.59
			1000	305	54.0	24.5				

Shielded Multi-conductor (NEC CL3R)

14 AWG										
5100FE†	2	19	500	152	28.5	12.9	.015	.38	.238	6.05
			U-1000	U-305	49.0	22.2				
			1000	305	51.0	23.2				
5101FE	3	19	1000	305	66.0	30.0	.015	.38	.253	6.43
12 AWG										
5000FE†	2	19	500	152	36.5	16.6	.015	.38	.272	6.91
			1000	305	67.0	30.5				

* 5306FE also available in Natural.

** 5200FE also available in White.

† 5100FE and 5000FE available in Red or Gray for Fire Alarm (FPLR).

(14 to 12 AWG)

Cond. No.	Color
1	Black
2	White
3	Red

Security and Alarm Cable

Water-Blocked for Use in Underground Ducts
Unshielded and Shielded



Water-blocked, Unshielded Multi-conductor CM FT1 Rated

Product Description

Tinned copper conductors, PVC insulation, cabled with overall water-blocking tape, Gray PVC jacket with rip cord. Sequential footage marking every two feet.

Water-blocked, Shielded Multi-conductor CM FT1 Rated

Product Description

Tinned copper conductors, PVC insulation, cabled with overall Beldfoil® shield and drain wire, overall water-blocking tape, Gray PVC jacket with rip cord. Sequential footage marking every two feet.

Color Code: Black, Red.

Specifications

Conductor	Tinned Copper
Insulation	PVC
Insulation Thickness	.010" (.254mm)
Shield (where applicable)	Beldfoil
Jacket	PVC
Approvals	
NEC	CM
CEC	CM FT1
NEC Articles	800
Voltage Rating	300V
Temperature Rating	105°C

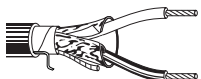
Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls
- Indoor or Outdoor Use

Unshielded Water-blocked



Shielded and Water-blocked



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

Water-blocked, Unshielded Multi-conductor (NEC CM and CEC CM FT1)

18 AWG										
5300U1	2	7	U-500	U-152	12.0	5.5	.025	.64	.207	5.26
			500	152	13.5	6.1				
			U-1000	U-305	22.0	10.0				
			1000	305	24.0	10.9				

Water-blocked, Shielded Multi-conductor (NEC CM and CEC CM FT1)

22 AWG										
5500F1	2	7	U-500	U-152	9.0	4.1	.025	.64	.192	4.88
			500	152	9.0	4.1				
			U-1000	U-305	16.0	7.3				
			1000	305	17.0	7.7				

20 AWG										
5400F1	2	7	U-500	U-152	11.5	5.2	.025	.64	.206	5.23
			500	152	11.0	5.0				
			U-1000	U-305	21.0	9.5				
			1000	305	21.0	9.5				

18 AWG										
5300F1	2	7	U-500	U-152	15.0	6.8	.025	.64	.222	5.64
			500	152	15.0	6.8				
			U-1000	U-305	29.0	13.2				
			1000	305	30.0	13.6				

Security and Alarm Cable

Commercial Applications

Unshielded



Unshielded Twisted Pairs

CMR/CMG FT4 Rated

Product Description

Bare copper conductors, PVC insulation. Conductors twisted into pairs, multiple pairs cabled together, Gray PVC jacket with rip cord. Sequential footage marking every two feet.

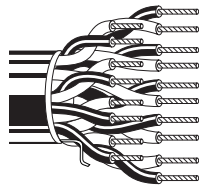
Color Code: See chart below.

Specifications

Conductor	Bare Copper
Insulation	PVC
Insulation Thickness	.010" (.254mm)
Jacket	PVC
Approvals	
NEC	CMR
CEC	CMG FT4
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls



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

Unshielded Twisted Pairs (NEC CMR and CEC CMG FT4)

22 AWG										
5541UE	2	7	U-1000 1000	U-305 305	18.0 19.0	8.2 8.6	.015	.38	.206	5.23
5542UE	3	7	U-500 U-1000 1000	U-152 U-305 305	13.0 24.0 26.0	5.9 10.9 11.8	.015	.38	.220	5.59
5543UE	4	7	U-1000 1000	U-305 305	31.0 32.0	14.1 14.5	.015	.38	.243	6.17
5547UE	9	7	1000	305	70.0	31.8	.020	.51	.334	8.48
18 AWG										
5341UE	2	7	U-1000 1000	U-305 305	34.0 36.0	15.4 16.4	.015	.38	.266	6.76
5342UE	3	7	U-1000 1000	U-305 305	48.0 50.0	21.8 22.7	.015	.38	.283	7.19
5343UE	4	7	1000	305	67.0	30.5	.018	.46	.320	8.13
5345UE	6	7	1000	305	96.0	43.6	.018	.46	.362	9.19
5347UE	9	7	1000	305	140.0	63.6	.020	.51	.434	11.02

Color Code Chart

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



Security and Alarm Cable

Commercial Applications
Shielded



Overall Shielded Twisted Pairs CMR/CMG FT4 Rated

Product Description

Bare copper conductors, PVC insulation. Conductors twisted into pairs, multiple pairs cabled together, overall Beldfoil® shield (foil side out) and drain wire, overall Gray PVC jacket with rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

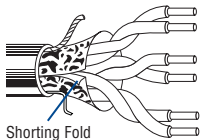
Specifications

Conductor	Bare Copper
Insulation	PVC
Insulation Thickness	.010" (.254mm)
Shield	Beldfoil
Jacket	PVC
Approvals	
NEC	CMR
CEC	CMG FT4
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

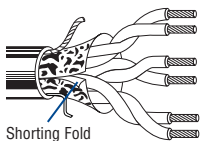
Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

Solid Conductor



Stranded Conductor



Color Code Chart

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

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

Overall Shielded Twisted Pairs (NEC CMR and CEC CMG FT4)

22 AWG										
5561FE	2	solid	U-1000 1000	U-305 305	21.0 22.0	9.5 10.0	.015	.38	.200	5.08
5541FE	2	7	U-500 U-1000 1000	U-152 U-305 305	11.5 21.0 23.0	5.2 9.5 10.4	.015	.38	.209	5.31
5562FE	3	solid	U-1000 1000	U-305 305	26.0 28.0	11.8 12.7	.015	.38	.212	5.38
5542FE	3	7	U-1000 1000	U-305 305	27.0 29.0	12.3 13.2	.015	.38	.223	5.66
5563FE	4	solid	U-1000	U-305	33.0	15.0	.015	.38	.246	6.25
5543FE	4	7	1000	305	34.0	15.4	.015	.38	.246	6.25
5545FE	6	7	U-1000 1000	U-305 305	46.0 48.0	20.9 21.8	.015	.38	.278	7.06
20 AWG										
5441FE	2	7	500 U-1000 1000	152 U-305 305	15.0 29.0 30.0	6.8 13.2 13.2	.015	.38	.235	5.97
5442FE	3	7	U-1000 1000	U-305 305	38.0 38.0	17.2 17.2	.015	.38	.252	6.40
5445FE	6	7	1000	305	72.0	32.7	.020	.51	.323	8.20
18 AWG										
5341FE	2	7	500 U-1000 1000	152 U-305 305	21.0 40.0 42.0	9.5 18.1 19.1	.015	.38	.270	6.86
5342FE	3	7	1000	305	52.0	23.6	.015	.38	.275	6.99
5343FE	4	7	1000	305	70.0	31.8	.015	.38	.318	8.08
5345FE	6	7	500 1000	152 305	52.5 103.0	23.9 46.8	.020	.51	.373	9.47

Security and Alarm Cable

Commercial Applications
Shielded



Individually Shielded Twisted Pairs CMR/CMG FT4 Rated

Product Description

Bare copper conductors, PVC insulation. Conductors twisted into pairs and individually shielded with Beldfoil® tape (aluminum side facing in) and a drain wire, multiple pairs cabled together, Gray PVC jacket with rip cord. Sequential footage marking every two feet.

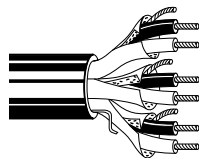
Color Code: See chart below.

Specifications

Conductor	Bare Copper
Insulation	PVC
Insulation Thickness	.010" (.254mm)
Shield	Beldfoil
Jacket	PVC
Approvals	
NEC	CMR
CEC	CMG FT4
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls



Part No.	No. of Pairs	Stranding	Standard Lengths		Standard Unit Weight		Outer Jacket Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm
Individually Shielded Twisted Pairs (NEC CMR and CEC CMG FT4)										
22 AWG										
5543PE	4	7	1000	305	55.0	25.0	.033	.84	.303	7.70

Color Code Chart

Pair No.	Color Combination
1	Black/Red & Red
2	Black/White & White
3	Black/Green & Green
4	Black/Blue & Blue



Security and Alarm Cable

Commercial Applications

Shielded



Shielded

Twisted Pair plus Conductor(s)

CMR/CMG FT4 Rated

Product Description

Bare copper conductors, PVC insulation, Black/Red pair shielded with Beldfoil® tape (aluminum side facing in) and tinned copper drain wire, cabled with additional insulated conductor(s) as indicated, Gray PVC jacket with rip cord. Sequential footage marking every two feet.

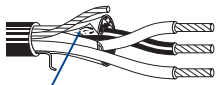
Color Code: Black & Red (shielded pair), White, Green. (5542GE Black & Red, Black & White, Black & Green pairs).

Specifications

Conductor	Bare Copper
Insulation	PVC
Insulation Thickness	.010" (.254mm)
Shield	Beldfoil
Jacket	PVC
Approvals	
NEC	CMR
CEC	CMG FT4
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls



Shorting Fold

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

STP plus Conductor(s) (NEC CMR and CEC CMG FT4)

22 AWG										
5501GE	1 STP +1/C	7	U-1000	U-305	16.0	7.3	.015	.38	.171	4.34
5502GE	1 STP +2/C	7	U-500 U-1000 1000	U-152 U-305 305	10.0 19.0 19.0	4.5 8.6 8.6	.015	.38	.186	4.72
5542GE	1 STP +2TP	7	U-1000	U-305	26.0	11.8	.015	.38	.220	5.59
20 AWG										
5401GE	1 STP +1/C	7	1000	305	23.0	10.4	.015	.38	.196	4.98
5402GE	1 STP +2/C	7	U-1000	U-305	26.0	11.8	.015	.38	.200	5.08
18 AWG										
5302GE	1 STP +2/C	7	U-1000	U-305	38.0	17.2	.015	.38	.225	5.72

STP = Shielded Twisted Pair(s) • /C = Conductor(s)

Security and Alarm Cable

Water-Blocked for Use in Underground Ducts



Water-blocked, Shielded Twisted Pair plus Conductor(s)

CM FT1 Rated

Product Description

Tinned copper conductors, PVC insulation, Black/Red conductors twisted into a pair and shielded with Beldfoil® tape (aluminum side facing in) and drain wire, cabled with additional insulated conductor(s) as indicated, water-blocking tape overall, Gray PVC jacket with rip cord. Sequential footage marking every two feet.

Color Code: Black & Red (shielded pair); White, Green, Brown, Blue.

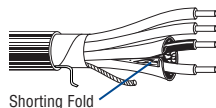
Specifications

Conductor	Tinned Copper
Insulation	PVC
Insulation Thickness	.010" (.254mm)
Shield	
Twisted Pair	Beldfoil
Overall	Water-blocking Tape
Jacket	PVC
Approvals	
NEC	CM
CEC	CM FT1
NEC Articles	800
Voltage Rating	300V
Temperature Rating	105°C

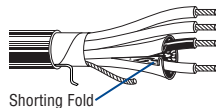
Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls
- Indoor or Outdoor Use

Solid Conductor



Stranded Conductor



Part No.	No. of Pairs + No. of Cond.	Stranding	Standard Lengths		Standard Unit Weight		Outer Jacket Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm
Water-blocked, STP plus Conductor(s) (NEC CM and CEC CM FT1)										
22 AWG										
5521G1	1 STP +1/C	solid	U-500	U-152	12.0	5.4	.025	.64	.212	5.38
			500	152	13.0	5.9				
			U-1000	U-305	22.0	10.0				
			1000	305	22.0	10.0				
5501G1	1 STP +1/C	7	U-500	U-152	12.0	5.4	.025	.64	.222	5.64
			500	152	12.0	5.4				
			U-1000	U-305	23.0	10.4				
			1000	305	25.0	11.4				
5522G1	1 STP +2/C	solid	U-500	U-152	13.0	6.0	.025	.64	.224	5.69
			500	152	15.0	6.8				
			U-1000	U-305	25.0	11.3				
			1000	305	27.0	12.3				
5502G1	1 STP +2/C	7	U-500	U-152	14.0	6.4	.025	.64	.240	6.10
			500	152	14.0	6.4				
			U-1000	U-305	27.0	12.3				
			1000	305	29.0	13.2				
5504G1	1 STP +4/C	7	U-500	U-152	18.0	8.2	.025	.64	.240	6.10
			500	152	18.5	8.4				
			U-1000	U-305	35.0	15.9				
			1000	305	37.0	16.8				

STP = Shielded Twisted Pair(s) • /C = Conductor(s)

Security and Alarm Cable

Commercial Applications
Unshielded, Plenum-Rated



Unshielded Multi-conductor

CMP FT6 Rated

Product Description

Bare copper conductors, Flamarrest® insulation, conductors cabled, Natural Flamarrest jacket, rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

Specifications

Conductor	Bare Copper
Insulation	Flamarrest
Insulation Thickness	.009" (.229mm)
Jacket	Flamarrest
Approvals	NEC CMP CEC CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

Solid Conductor



Stranded Conductor



Color Code Chart

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

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 CMP and CEC CMP FT6)

22 AWG										
6520UE	2	solid	U-1000 1000	U-305 305	10.0 9.0	4.5 4.1	.015	.38	.118	3.00
6500UE	2	7	C-500 C-1000 U-1000 1000	C-152 C-305 U-305 305	4.5 9.0 10.0 10.0	2.0 4.1 4.5 4.5	.015	.38	.124	3.15
6521UE	3	solid	1000	305	13.0	5.9	.015	.38	.125	3.18
6501UE	3	7	U-1000 1000	U-305 305	14.0 13.0	6.4 5.9	.015	.38	.131	3.33
6522UE	4	solid	U-500 U-1000 1000	U-152 U-305 305	8.5 17.0 16.0	3.9 7.7 7.3	.015	.38	.136	3.45
6502UE	4	7	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	8.0 9.0 8.5 17.0 17.0	3.6 4.1 3.9 7.7 7.7	.015	.38	.143	3.63
6524UE	6	solid	C-500 U-1000	C-152 U-305	10.5 23.0	4.8 10.5	.015	.38	.162	4.11
6504UE	6	7	C-500 500 U-1000 1000	C-152 152 U-305 305	11.0 12.0 24.0 24.0	5.0 5.5 10.9 10.9	.015	.38	.171	4.34
6506UE	8	7	U-500 U-1000 1000	U-152 U-305 305	15.5 30.0 31.0	7.0 13.6 14.1	.015	.38	.186	4.72
6508UE	10	7	U-1000 1000	U-305 305	37.0 43.0	16.8 19.5	.015	.38	.218	5.54
6509UE	12	7	U-500 U-1000 1000	U-152 U-305 305	22.5 43.0 45.0	10.2 19.5 20.4	.015	.38	.225	5.72
20 AWG										
6400UE	2	7	C-500 500 U-1000 1000	C-152 152 U-305 305	6.0 7.0 14.0 14.0	2.7 3.2 6.4 6.4	.015	.38	.138	3.51
6401UE	3	7	U-1000 1000 5000	U-305 305 1524	19.0 18.0 90.0	8.6 8.2 40.9	.015	.38	.146	3.71
6402UE	4	7	U-1000 1000	U-305 305	24.0 24.0	10.9 10.9	.015	.38	.160	4.06
6403UE	5	7	U-1000 1000	U-305 305	28.0 28.0	12.7 12.7	.015	.38	.176	4.47
6406UE	8	7	1000	305	44.0	20.0	.015	.38	.209	5.31

Security and Alarm Cable

Commercial Applications
Unshielded, Plenum-Rated



Unshielded Multi-conductor (cont'd.)
CMP FT6 Rated

Product Description

Bare copper conductors, Flamarrest® insulation, conductors cabled, Natural Flamarrest jacket, rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

Specifications

Conductor	Bare Copper
Insulation	Flamarrest
Insulation Thickness	.009" (.229mm)
Jacket	Flamarrest
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

Solid Conductor



Stranded Conductor



Color Code Chart

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

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 CMP and CEC CMP FT6)

18 AWG										
6320UE	2	solid	U-1000	U-305	17.0	7.7	.015	.38	.147	3.73
6300UE*	2	7	C-500	C-152	8.0	3.6	.015	.38	.157	3.99
			U-500	U-152	9.5	4.3				
			500	152	9.0	4.1				
			U-1000	U-305	18.0	8.2				
			1000	305	18.0	8.2				
5000	1520	90.0	40.8							
6321UE	3	solid	U-1000	U-305	24.0	10.9	.015	.38	.156	3.96
			1000	305	24.0	10.9				
6301UE	3	7	500	152	12.5	5.7	.015	.38	.168	4.27
			U-1000	U-305	25.0	11.4				
			1000	305	25.0	11.4				
6322UE	4	solid	U-1000	U-305	30.0	13.6	.015	.38	.171	4.34
6302UE	4	7	C-250	C-76	8.5	3.9	.015	.38	.186	4.72
			C-500	C-152	17.0	7.7				
			U-500	U-152	18.5	8.4				
			500	152	18.5	8.4				
			U-1000	U-305	36.0	16.4				
1000	305	39.0	17.7							
5000	1524	180.0	81.7							
6303UE	5	7	U-1000	U-305	39.0	17.7	.015	.38	.203	5.16
			1000	305	40.0	18.1				
6304UE	6	7	U-500	U-152	23.5	10.7	.015	.38	.222	5.64
			500	152	23.0	10.4				
			1000	305	51.0	23.2				
6306UE	8	7	500	152	30.5	13.9	.015	.38	.242	6.15
			1000	305	65.0	29.5				
6307UE	9	7	1000	305	68.0	30.9	.015	.38	.262	6.65
6308UE	10	7	1000	305	75.0	34.1	.015	.38	.286	7.26
6309UE	12	7	1000	305	84.0	38.2	.015	.38	.296	7.52
16 AWG										
6200UE	2	19	500	152	13.0	5.9	.015	.38	.180	4.57
			U-1000	U-305	25.0	11.3				
			1000	305	26.0	11.8				
6201UE	3	19	500	152	18.0	8.2	.015	.38	.191	4.85
			U-1000	U-305	36.0	16.4				
			1000	305	37.0	16.8				
6202UE	4	19	500	152	24.0	10.9	.015	.38	.211	5.36
			U-1000	U-305	46.0	20.9				
			1000	305	52.0	23.6				

*6300UE also available in Gray and Black.

Security and Alarm Cable

Commercial Applications
Unshielded, Plenum-Rated



Unshielded Multi-conductor

CL2P Rated

Product Description

Bare copper conductors, Flamarrest® insulation, conductors cabled, Natural Flamarrest jacket, rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

Specifications

Conductor	Bare Copper
Insulation	Flamarrest
Insulation Thickness	.011" (.279mm)
Jacket	Flamarrest
Approvals	
NEC	CL2P
NEC Articles	725
Voltage Rating	150V
Temperature Rating	75°C

Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls



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 CL2P)

14 AWG										
6100UE	2	19	500	152	19.5	8.8	.015	.38	.222	5.64
			U-1000	U-305	38.0	17.2				
			1000	305	38.0	17.2				
			5000	1524	195.0	88.5				
6101UE	3	19	1000	305	56.0	25.4	.015	.38	.236	5.99
6102UE	4	19	1000	305	73.0	33.2	.015	.38	.261	6.63
12 AWG										
6000UE	2	19	500	152	32.0	14.5	.015	.38	.256	6.50
			1000	305	58.0	26.4				
6001UE	3	19	1000	305	83.0	37.7	.015	.38	.273	6.93
6002UE	4	19	1000	305	111.0	50.4	.018	.46	.308	7.82

Color Code Chart

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

Security and Alarm Cable

Commercial Applications
Shielded, Plenum-Rated



Shielded Multi-conductor CMP FT6 Rated

Product Description

Bare copper conductors, Flamarrest® insulation, conductors cabled, overall Beldfoil® tape shield (foil side out) and drain wire, Natural Flamarrest jacket with rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

Specifications

Conductor	Bare Copper
Insulation	Flamarrest
Insulation Thickness	.009" (.229mm)
Shield	Beldfoil
Jacket	Flamarrest
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

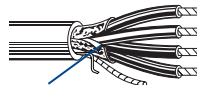
- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

Solid Conductor



Shorting Fold

Stranded Conductor



Shorting Fold

Color Code Chart

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

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

Shielded Multi-conductor (NEC CMP and CEC CMP FT6)

22 AWG										
6520FE	2	solid	C-500	C-152	6.0	2.7	.015	.38	.122	3.10
			C-1000	C-305	12.0	5.4				
			U-1000	U-305	13.0	5.9				
			1000	305	13.0	5.9				
6500FE	2	7	C-500	C-152	5.5	2.5	.015	.38	.128	3.25
			U-500	U-152	7.0	3.2				
			500	152	7.0	3.2				
			C-1000	C-305	11.0	5.0				
			U-1000	U-305	13.0	5.9				
1000	305	13.0	5.9							
6521FE	3	solid	1000	305	16.0	7.3	.015	.38	.129	3.28
6501FE	3	7	500	152	8.0	3.6	.015	.38	.135	3.43
			U-1000	U-305	16.0	7.3				
			1000	305	16.0	7.3				
6502FE	4	7	C-500	C-152	9.0	4.1	.015	.38	.147	3.73
			500	152	10.0	4.5				
			U-1000	U-305	19.0	8.6				
1000	305	20.0	9.1							
6504FE	6	7	C-500	C-152	9.0	4.1	.015	.38	.175	4.45
			U-500	U-152	13.5	6.1				
			500	152	13.5	6.1				
			U-1000	U-305	26.0	11.8				
1000	305	26.0	11.8							
6506FE	8	7	U-1000	U-305	33.0	15.0	.015	.38	.190	4.83
			1000	305	35.0	15.9				
6508FE	10	7	U-1000	U-305	40.0	18.1	.015	.38	.222	5.64
			1000	305	42.0	19.0				
20 AWG										
6420FE	2	solid	C-500	C-152	7.0	3.2	.015	.38	.134	3.40
			U-1000	U-305	16.0	7.3				
			1000	305	15.0	6.8				
6400FE	2	7	C-500	C-152	7.5	3.4	.015	.38	.142	3.61
			U-1000	U-305	17.0	7.7				
			1000	305	17.0	7.7				
6401FE	3	7	U-1000	U-305	21.0	9.5	.015	.38	.150	3.81
			1000	305	22.0	10.0				
6402FE	4	7	U-1000	U-305	26.0	11.8	.015	.38	.164	4.17
			1000	305	27.0	12.3				
6405FE	7	7	1000	305	41.0	18.6	.015	.38	.196	4.97
6407FE	9	7	1000	305	52.0	23.6	.015	.38	.229	5.82

Security and Alarm Cable

Commercial Applications
Shielded, Plenum-Rated



Shielded Multi-conductor (cont'd.)
CMP FT6 Rated or CL2P Rated

Product Description

Bare copper conductors, Flamarrest® insulation, conductors cabled, overall Beldfoil® tape shield (foil side out) and drain wire, Natural Flamarrest jacket with rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

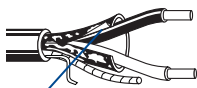
Specifications

Conductor	Bare Copper
Insulation	Flamarrest
Insulation Thickness	
18 and 16 AWG	.009" (.229mm)
14 and 12 AWG	.011" (.279mm)
Shield	Beldfoil
Jacket	Flamarrest
Approvals	
NEC (18 and 16 AWG)	CMP
CEC (18 and 16 AWG)	CMP FT6
NEC (14 and 12 AWG)	CL2P
NEC Articles	
18 and 16 AWG	800
14 and 12 AWG	725
Voltage Rating	
18 and 16 AWG	300V
14 and 12 AWG	150V
Temperature Rating	75°C

Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

Solid Conductor



Shorting Fold

Stranded Conductor



Shorting Fold

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

Shielded Multi-conductor (NEC CMP and CEC CMP FT6)

18 AWG										
6320FE	2	solid	C-500 1000	C-152 305	10.5 22.0	4.8 10.0	.015	.38	.150	3.89
6300FE	2	7	C-500 U-500 500 U-1000 1000	C-152 U-152 152 U-305 305	11.0 12.0 12.0 23.0 23.0	5.0 5.4 5.4 10.4 10.4	.015	.38	.162	4.11
6301FE	3	7	U-500 U-1000 1000	U-152 U-305 305	15.5 30.0 31.0	7.0 13.6 14.1	.015	.38	.172	4.37
6302FE	4	7	C-250 U-500 500 U-1000 1000	C-76 U-152 152 U-305 305	8.8 19.5 19.0 37.0 37.0	4.0 8.9 8.6 16.8 16.8	.015	.38	.188	4.78
6304FE	6	7	C-250 U-500 1000	C-76 U-152 305	12.0 25.5 52.0	5.4 11.6 23.6	.015	.38	.226	5.74
6306FE	8	7	1000	305	66.0	30.0	.015	.38	.246	6.25
6307FE	9	7	500 1000	152 305	39.5 73.0	18.0 33.2	.015	.38	.266	6.76
6309FE	12	7	500 1000	152 305	50.5 99.0	22.9 45.0	.018	.46	.306	7.77
16 AWG										
6200FE	2	19	500 1000	152 305	16.5 33.0	7.5 15.0	.015	.38	.184	4.67
6201FE	3	19	500 U-1000 1000	152 U-305 305	22.5 43.0 45.0	10.2 19.5 20.5	.015	.38	.195	4.95
6202FE	4	19	500 1000	152 305	29.0 59.0	13.2 26.8	.015	.38	.215	5.46

Shielded Multi-conductor (NEC CL2P)

14 AWG										
6100FE	2	19	500 U-1000 1000	152 U-305 305	25.0 49.0 51.0	11.3 22.2 23.1	.015	.38	.220	5.59
6101FE	3	19	1000	305	66.0	29.9	.015	.38	.234	5.94
12 AWG										
6000FE	2	19	500 1000	152 305	36.0 68.0	16.4 30.9	.015	.38	.260	6.60

Color Code Chart (18 to 16 AWG)

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

(14 to 12 AWG)

Cond. No.	Color
1	Black
2	White
3	Red

Security and Alarm Cable

Commercial Applications
Unshielded, Plenum-Rated



Unshielded Twisted Pairs

CMP FT6 Rated

Product Description

Bare copper conductors, Flamarrest® insulation, twisted into pairs, multiple pairs cabled together, Natural Flamarrest jacket with rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

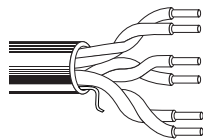
Specifications

Conductor	Bare Copper
Insulation	Flamarrest
Insulation Thickness	.009" (.229mm)
Jacket	Flamarrest
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

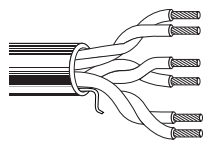
Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

Solid Conductor



Stranded Conductor



Color Code Chart

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

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

Unshielded Twisted Pairs (NEC CMP and CEC CMP FT6)

22 AWG										
6561UE	2	solid	1000	305	19.0	8.6	.015	.38	.188	4.78
6541UE	2	7	U-1000 1000	U-305 305	19.0 20.0	8.6 9.1	.015	.38	.199	5.05
6542UE	3	7	1000	305	27.0	12.2	.015	.38	.212	5.38
6543UE	4	7	1000	305	34.0	15.4	.015	.38	.234	5.94
6545UE	6	7	1000	305	47.0	21.4	.015	.38	.264	6.71
6547UE	9	7	1000	305	69.0	31.4	.018	.46	.318	8.08
18 AWG										
6341UE	2	7	500 U-1000 1000	152 U-305 305	21.0 36.0 38.0	9.5 16.3 17.3	.015	.38	.260	6.60
6342UE	3	7	U-1000 1000	U-305 305	48.0 50.0	21.8 22.7	.015	.38	.278	7.06
6343UE	4	7	500 1000	152 305	37.5 66.0	17.0 30.0	.015	.38	.314	7.98
6345UE	6	7	1000	305	95.0	43.2	.018	.46	.355	9.02
6347UE	9	7	1000	305	138.0	62.7	.019	.48	.423	10.74

Security and Alarm Cable

Commercial Applications
Shielded, Plenum-Rated



Overall Shielded Twisted Pairs

CMP FT6 Rated

Product Description

Bare copper conductors, Flamarrest® insulation, twisted into pairs, multiple pairs cabled together, overall Beldfoil® shield tape (foil side out) with drain wire, Natural Flamarrest jacket with rip cord. Sequential footage marking every two feet.

Color Code: See chart below.

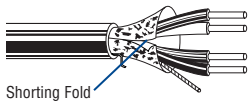
Specifications

Conductor	Bare Copper
Insulation	Flamarrest
Insulation Thickness	.009" (.229mm)
Shield	Beldfoil
Jacket	Flamarrest
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

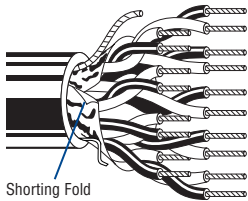
Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

Solid Conductor



Stranded Conductor



Color Code Chart

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

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

Overall Shielded Twisted Pairs (NEC CMP and CEC CMP FT6)

22 AWG										
6561FE	2	solid	1000	305	21.0	9.5	.015	.38	.193	4.90
6541FE	2	7	U-500	U-152	11.5	5.2	.015	.38	.203	5.16
			U-1000	U-305	22.0	10.0				
			1000	305	23.0	10.4				
6542FE	3	7	U-1000	U-305	28.0	12.7	.015	.38	.216	5.49
			1000	305	29.0	13.2				
6543FE	4	7	U-1000	U-305	35.0	15.9	.015	.38	.238	6.05
			1000	305	41.0	18.6				
6545FE	6	7	U-1000	U-305	48.0	21.8	.015	.38	.268	6.80
			1000	305	50.0	22.7				
6547FE	9	7	1000	305	72.0	32.7	.018	.46	.323	8.20
20 AWG										
6441FE	2	7	1000	305	31.0	14.1	.015	.38	.228	5.79
6443FE	4	7	U-1000	U-305	49.0	22.2	.015	.38	.269	6.83
			1000	305	51.0	23.2				
18 AWG										
6342FE	3	7	500	152	28.0	12.7	.015	.38	.282	7.16
			1000	305	56.0	25.5				
6343FE	4	7	500	152	39.5	18.0	.015	.38	.318	8.08
			1000	305	74.0	33.6				
6345FE	6	7	500	152	50.0	22.7	.018	.46	.359	9.12
			1000	305	101.0	45.9				
6347FE	9	7	1000	305	145.0	65.8	.019	.48	.427	10.85

Security and Alarm Cable

Commercial Applications
Shielded, Plenum-Rated



**Shielded
Twisted Pair plus Conductor(s)**
CMP FT6 Rated

Product Description

Bare copper conductors, Flamarrest® insulation, Black/Red twisted pair shielded with Beldfoil® tape (aluminum side facing in), drain wire, cabled with additional insulated conductor(s) as indicated, Natural Flamarrest jacket with rip cord. Sequential footage marking every two feet.

Color Code: Black & Red pair, White, Green.

Specifications

Conductor	Bare Copper
Insulation	Flamarrest
Insulation Thickness	.009" (.229mm)
Shield	Beldfoil
Jacket	Flamarrest
Approvals	
NEC	CMP
CEC	CMP FT6
NEC Articles	800
Voltage Rating	300V
Temperature Rating	75°C

Applications

- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls



Shorting Fold

Part No.	No. of Pairs + No. of Cond.	Stranding	Standard Lengths		Standard Unit Weight		Outer Jacket Thickness		Nominal OD	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm
Shielded Twisted Pair plus Conductor(s) (NEC CMP and CEC CMP FT6)										
22 AWG										
6501GE	1 STP +1/C	7	1000	305	18.0	8.2	.015	.38	.174	4.42
6502GE	1 STP +2/C	7	U-1000 1000	U-305 305	21.0 21.0	9.5 9.5	.015	.38	.180	4.57
20 AWG										
6401GE	1 STP +1/C	7	1000	305	24.0	10.9	.015	.38	.195	4.95

STP = Shielded Twisted Pair(s) • /C = Conductor(s)

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