

# 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

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

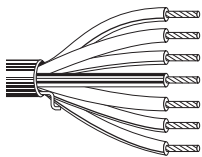
### Applications

- 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.

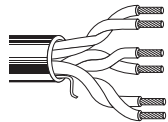
### Specifications

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

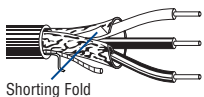
### Specifications

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

### Applications

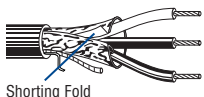
- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

### 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

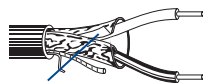
<b>Conductor</b>	Bare Copper
<b>Insulation</b>	PVC
<b>Insulation Thickness</b>	
18 to 16 AWG	.010" (.254mm)
14 to 12 AWG	.014" (.356mm)
<b>Shield</b>	Beldfoil
<b>Jacket</b>	PVC
<b>Approvals</b>	
NEC (18 to 16 AWG)	CMR FPLR†
CEC (18 to 16 AWG)	CMG FT4
NEC (14 to 12 AWG)	CL3R
<b>NEC Articles</b>	
18 to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

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

### Applications

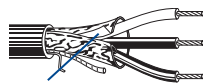
- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls
- Fire Alarm Systems (Red Only) Dual Rated†

### 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

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

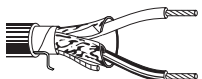
### Applications

- 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.

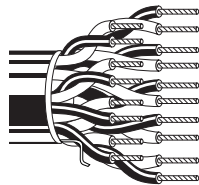
**Color Code:** See chart below.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	PVC
<b>Insulation Thickness</b>	.010" (.254mm)
<b>Jacket</b>	PVC
<b>Approvals</b>	
NEC	CMR
CEC	CMG FT4
<b>NEC Articles</b>	800
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	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										
<b>5541UE</b>	2	7	U-1000 1000	U-305 305	18.0 19.0	8.2 8.6	.015	.38	.206	5.23
<b>5542UE</b>	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
<b>5543UE</b>	4	7	U-1000 1000	U-305 305	31.0 32.0	14.1 14.5	.015	.38	.243	6.17
<b>5547UE</b>	9	7	1000	305	70.0	31.8	.020	.51	.334	8.48
18 AWG										
<b>5341UE</b>	2	7	U-1000 1000	U-305 305	34.0 36.0	15.4 16.4	.015	.38	.266	6.76
<b>5342UE</b>	3	7	U-1000 1000	U-305 305	48.0 50.0	21.8 22.7	.015	.38	.283	7.19
<b>5343UE</b>	4	7	1000	305	67.0	30.5	.018	.46	.320	8.13
<b>5345UE</b>	6	7	1000	305	96.0	43.6	.018	.46	.362	9.19
<b>5347UE</b>	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.

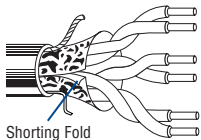
### Specifications

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

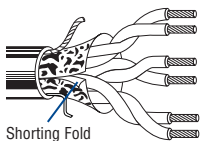
### Applications

- 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.

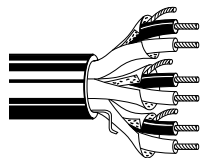
**Color Code:** See chart below.

### Specifications

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

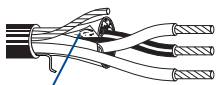
**Color Code:** Black & Red (shielded pair), White, Green. (5542GE Black & Red, Black & White, Black & Green pairs).

#### Specifications

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

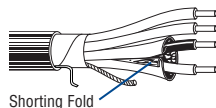
#### Specifications

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

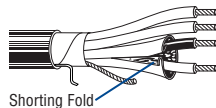
#### Applications

- 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
<b>Water-blocked, STP plus Conductor(s) (NEC CM and CEC CM FT1)</b>										
<b>22 AWG</b>										
<b>5521G1</b>	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				
<b>5501G1</b>	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				
<b>5522G1</b>	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				
<b>5502G1</b>	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				
<b>5504G1</b>	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

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	Flamarrest
<b>Insulation Thickness</b>	.009" (.229mm)
<b>Jacket</b>	Flamarrest
<b>Approvals</b>	
NEC	CMP
CEC	CMP FT6
<b>NEC Articles</b>	800
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	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

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	Flamarrest
<b>Insulation Thickness</b>	.009" (.229mm)
<b>Jacket</b>	Flamarrest
<b>Approvals</b>	
NEC	CMP
CEC	CMP FT6
<b>NEC Articles</b>	800
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	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

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	Flamarrest
<b>Insulation Thickness</b>	.011" (.279mm)
<b>Jacket</b>	Flamarrest
<b>Approvals</b>	
NEC	CL2P
<b>NEC Articles</b>	725
<b>Voltage Rating</b>	150V
<b>Temperature Rating</b>	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										
<b>6100UE</b>	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				
<b>6101UE</b>	3	19	1000	305	56.0	25.4	.015	.38	.236	5.99
<b>6102UE</b>	4	19	1000	305	73.0	33.2	.015	.38	.261	6.63
12 AWG										
<b>6000UE</b>	2	19	500	152	32.0	14.5	.015	.38	.256	6.50
			1000	305	58.0	26.4				
<b>6001UE</b>	3	19	1000	305	83.0	37.7	.015	.38	.273	6.93
<b>6002UE</b>	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

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

### Applications

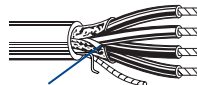
- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

### 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				
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				
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.

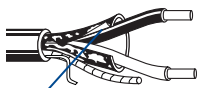
## Specifications

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

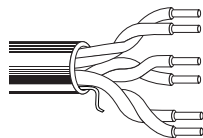
### Specifications

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

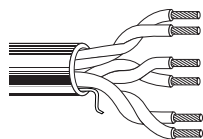
### Applications

- 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.

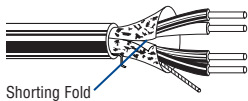
### Specifications

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

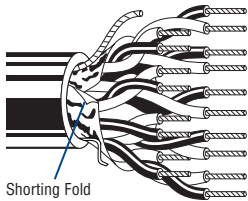
### Applications

- 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.

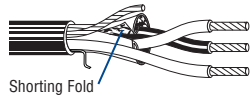
**Color Code:** Black & Red pair, White, Green.

### Specifications

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

### Applications

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



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
<b>Shielded Twisted Pair plus Conductor(s) (NEC CMP and CEC CMP FT6)</b>										
<b>22 AWG</b>										
<b>6501GE</b>	1 STP +1/C	7	1000	305	18.0	8.2	.015	.38	.174	4.42
<b>6502GE</b>	1 STP +2/C	7	U-1000 1000	U-305 305	21.0 21.0	9.5 9.5	.015	.38	.180	4.57
<b>20 AWG</b>										
<b>6401GE</b>	1 STP +1/C	7	1000	305	24.0	10.9	.015	.38	.195	4.95

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

20 • New Generation® Cables