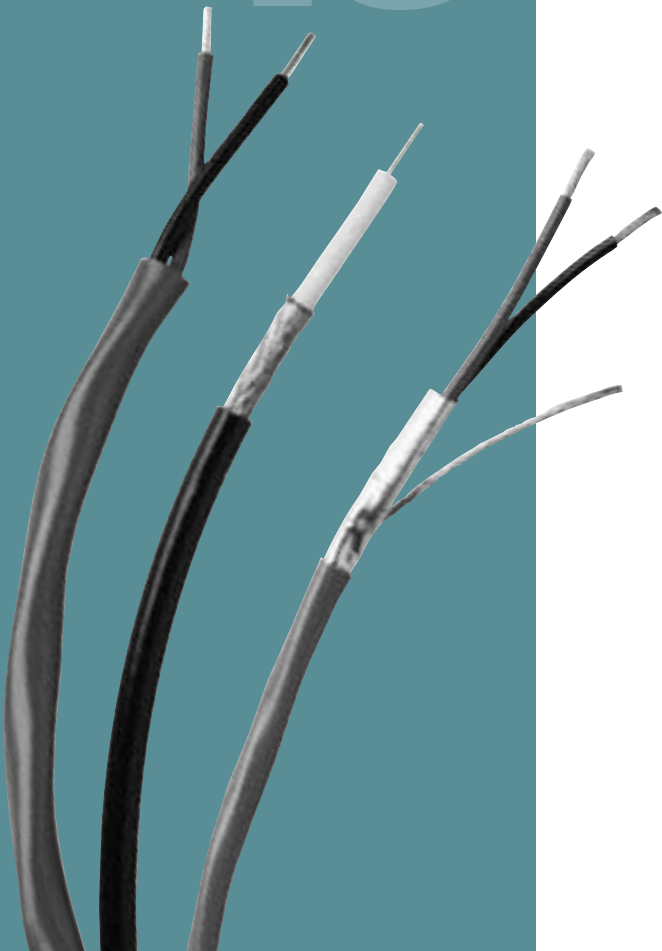




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# Sound, Security and Alarm Cables

## Introduction



Market needs are continually challenging the limits of cable technology. And nowhere is the demand for uncompromising quality and leading-edge technology more critical than in sound and security applications.

Belden's answer to this challenge is a line of low voltage, electronic cables that provide the selection, imagination, technical expertise and quality required to meet the demands of increasingly complex sound and security systems. We call this line New Generation.

### Unmatched Selection, Quality And Service

Our New Generation cable line includes one of the largest, most economical, and up-to-date selections of reliable multi-conductor and coaxial products on the market today. A full complement of cables for sound, control, computer interconnect, alarm, security, CCTV and other security applications is offered. And behind every one of these cables is years of research and development and Belden's unequalled reputation for quality and service.

Most of our New Generation cables are available from stock. Many of these are available off the shelf from distributors. If you have a new or unusual application or you cannot find a New Generation cable in this catalog section that meets your technical requirements, contact Technical Support at 1-800-BELDEN-1.

### Innovative and Advanced Cables

For over 90 years, Belden has been committed to the development and support of highly effective cabling solutions. With Belden® New Generation cable products, you can be assured that you're getting the most innovative and advanced cables available today. Here are a few examples of our commitment to making our cables not only work better but also better to work with:

- Sequential footage markings on the cable jacket quickly eliminate guesswork and waste.
- The cables are predominantly NEC Riser Rated (CMR and FPLR) or above to meet even unusually stringent application conditions. All Belden CM, CMR and CMP types are both UL and C(UL) approved.
- A rip cord underneath the jacket provides for easy removal at installation.
- Easy set-up and easy-pulling, space-saving, tangle-free coil packages available for many codes. These revolutionary coil packages vastly reduce job clean-up and waste removal as well.
- Water-blocked options for multi-conductor cables and for coax — where security, surveillance and fire alarm cables are installed in intermittently wet environments.

### Quality You Can Count On

A system failure, or loss of continuity, can be catastrophic. That's why you need a cable that is recognized the world over for its quality. And that cable is a Belden cable. All of our New Generation cables are designed with quality as a top priority. Belden was the first major designer and manufacturer of electronic wire and cable products to earn ISO 9001/9002 registration for all its domestic and overseas facilities. In achieving total ISO 9001/9002 registration; United States' Belden passed some of the United States' and Europe's most rigorous tests for quality and, once again, demonstrated the company's dedication to total quality.

### New Generation Cable Packaging

#### UnReel® Dispenser

As with most Belden cables, several New Generation cable products are available in Belden's UnReel cardboard dispenser. The UnReel is a unique packaging dispensing system developed by Belden to save time and labor compared to spools, and eliminate the need for dereeling equipment. Lightweight and more economical than conventional drums or reels, UnReel dispensers have pre-punched handles for easy, individual transport as well as rectangular boxes for easy pallet delivery and storage. UnReel cable pays out smoothly and evenly with less kinking, twisting or backlashing. It also rolls out 60% faster than cable from spools or reels.

#### Revolutionary Coil Package

New this year, certain New Generation cables are available in a coil package. These revolutionary coils are an easy-to-handle standard package size so pallet loading is uniform. In addition, this densely packaged coil results in less space requirements for your wire, saving shelf space, truck space and cage space at the job. Plus, with no box and no spool, there is far less waste and clean-up required after the job.

Coils are the most tangle-proof package available. And, because the wire pulls from the middle you only have to pull the weight of the length of wire that is your distance from the coil. In pulling spools, you are always pulling the *whole package* weight to get it spinning. And with spools, when you stop pulling, the spool doesn't stop spinning. Help is required to stop this from happening and to keep the payouts tangle free. With coils, that help can be doing something more productive. What's more, five coils may be stacked and pulled in parallel through their common center.

So ask for New Generation's coil package, and leave reel jacks and payout stands behind along with any worries about wet boxes or discarding of empty boxes.



# Sound, Security and Alarm Cables

## Cable Finder Guide — By Application



AWG Size	No. of Cond.	Stranding	Non-Shielded						Shielded					
			Non-Plenum			Plenum			Non-Plenum			Plenum		
			Part No.	Rating	Page No.	Part No.	Rating	Page No.	Part No.	Rating	Page No.	Part No.	Rating	Page No.
<b>Security, Alarm and Commercial Audio</b>														
12	2	19	5000UE	CL3R	13.10/41	6000UE	CL2P	13.21/44	5000FE	CL3R	13.12/43	6000FE	CL2P	13.23/45
	3	19	5001UE	CL3R	13.10/41	6001UE	CL2P	13.21/44	—	—	—	—	—	—
	4	19	—	—	—	6002UE	CL2P	13.21	—	—	—	—	—	—
14	2	19	5100UE	CL3R	13.10/41	6100UE	CL2P	13.21/44	5100FE	CL3R	13.12/43	6100FE	CL2P	13.23/45
	3	19	5101UE	CL3R	13.10/41	6101UE	CL2P	13.21/44	5101FE	CL3R	13.12/43	6101FE	CL2P	13.23/45
	4	19	5102UE	CL3R	13.10	6102UE	CL2P	13.21	—	—	—	—	—	—
16	2	19	5200UE	CMR	13.9/41	6200UE	CMP	13.20/44	5200FE	CMR	13.12/43	6200FE	CMP	13.23/45
	3	19	5201UE	CMR	13.9/41	6201UE	CMP	13.20/44	5201FE	CMR	13.12/43	6201FE	CMP	13.23/45
	4	19	5202UE	CMR	13.9	6202UE	CMP	13.20	5202FE	CMR	13.12	6202FE	CMP	13.23
18	2	19	5205UE	CMR	13.9	6205UE	CMP	13.20	—	—	—	—	—	—
	2	Solid	5320UE	CMR	13.9/41	6320UE	CMP	13.20/44	5320FE	CMR	13.12/43	6320FE	CMP	13.23/45
	2	7	5300UG	CM	13.7	6300UE	CMP	13.20/44	5300FE	CMR	13.12/43	6300FE	CMP	13.23/45
	2	7	5300UE	CMR	13.9/41	6300UE	CMP	13.20/44	5300FE	CMR	13.12/43	6300FE	CMP	13.23/45
	3	Solid	5321UE	CMR	13.9/41	6321UE	CMP	13.20/44	—	—	—	—	—	—
	3	7	5301UE	CMR	13.9/41	6301UE	CMP	13.20/44	5301FE	CMR	13.12/43	6301FE	CMP	13.23/45
	4	Solid	5322UE	CMR	13.9	6322UE	CMP	13.20	—	—	—	—	—	—
	4	7	5302UE	CMR	13.9	6302UE	CMP	13.20	5302FE	CMR	13.12	6302FE	CMP	13.23
	5	7	5303UE	CMR	13.9	6303UE	CMP	13.20	5303FE	CMR	13.12	—	—	—
	6	7	5304UE	CMR	13.9	6304UE	CMP	13.20	5304FE	CMR	13.12	6304FE	CMP	13.23
	7	7	5305UE	CMR	13.9	—	—	—	5305FE	CMR	13.12	—	—	—
	8	7	5306UE	CMR	13.9	6306UE	CMP	13.20	5306FE	CMR	13.12	6306FE	CMP	13.23
9	7	5307UE	CMR	13.9	6307UE	CMP	13.20	5307FE	CMR	13.12	6307FE	CMP	13.23	
10	7	5308UE	CMR	13.9	6308UE	CMP	13.20	—	—	—	—	—	—	
12	7	5309UE	CMR	13.9	6309UE	CMP	13.20	—	—	—	6309FE	CMP	13.23	
20	7	530BUE	CMR	13.9	—	—	—	—	—	—	—	—	—	
20	2	Solid	—	—	—	—	—	—	—	—	—	6420FE	CMP	13.22/45
	2	7	5400UE	CMR	13.8/41	6400UE	CMP	13.19/44	5400FE	CMR	13.11/43	6400FE	CMP	13.22/45
	3	Solid	—	—	—	—	—	—	5421FE	CMR	13.43	—	—	—
	3	7	5401UE	CMR	13.8/41	6401UE	CMP	13.19/44	5401FE	CMR	13.11/43	6401FE	CMP	13.22/45
	4	7	5402UE	CMR	13.8	6402UE	CMP	13.19	5402FE	CMR	13.11	6402FE	CMP	13.22
	5	7	5403UE	CMR	13.8	6403UE	CMP	13.19	5403FE	CMR	13.11	—	—	—
	7	7	5405UE	CMR	13.8	—	—	—	5405FE	CMR	13.11	6405FE	CMP	13.22
	8	7	5406UE	CMR	13.8	6406UE	CMP	13.19	—	—	—	—	—	—
	9	7	5407UE	CMR	13.8	—	—	—	5407FE	CMR	13.11	6407FE	CMP	13.22
	10	7	5408UE	CMR	13.8	—	—	—	—	—	—	—	—	—
	12	7	5409UE	CMR	13.8	—	—	—	—	—	—	—	—	—
	20	7	540BUE	CMR	13.8	—	—	—	—	—	—	—	—	—
22	2	Solid	5520UE	CMR	13.8/41	6520UE	CMP	13.19/44	5520FE	CMR	13.11/43	6520FE	CMP	13.22/45
	2	7	5500UG	CM	13.7	6500UE	CMP	13.19/44	5500FE	CMR	13.11/43	6500FE	CMP	13.22/45
	2	7	5500UE	CMR	13.8/41	6500UE	CMP	13.19/44	5500FE	CMR	13.11/43	6500FE	CMP	13.22/45
	3	Solid	—	—	—	6521UE	CMP	13.19/44	5521FE	CMR	13.11/43	6521FE	CMP	13.22/45
	3	7	5501UE	CMR	13.8/41	6501UE	CMP	13.19/44	5501FE	CMR	13.11/43	6501FE	CMP	13.22/45
	4	Solid	5582UG	CM	13.7	—	—	—	—	—	—	—	—	—
	4	Solid	5522UE	CMR	13.8	6522UE	CMP	13.19	—	—	—	—	—	—
	4	Solid	5582UE	CMR	13.8	6522UE	CMP	13.19	—	—	—	—	—	—
	4	7	5502UG	CM	13.7	6502UE	CMP	13.19	5502FE	CMR	13.11	6502FE	CMP	13.22
	4	7	5502UE	CMR	13.8	6502UE	CMP	13.19	5502FE	CMR	13.11	6502FE	CMP	13.22
	5	7	5503UE	CMR	13.8	—	—	—	5503FE	CMR	13.11	—	—	—
	6	Solid	5524UE	CMR	13.8	6524UE	CMP	13.19	—	—	—	—	—	—
	6	7	5504UE	CMR	13.8	6504UE	CMP	13.19	5504FE	CMR	13.11	6504FE	CMP	13.22
	8	Solid	5526UE	CMR	13.8	—	—	—	—	—	—	—	—	—
	8	7	5506UE	CMR	13.8	6506UE	CMP	13.19	5506FE	CMR	13.11	6506FE	CMP	13.22
	10	7	5508UE	CMR	13.8	6508UE	CMP	13.19	5508FE	CMR	13.11	6508FE	CMP	13.22
12	Solid	5529UE	CMR	13.8	—	—	—	—	—	—	—	—	—	
12	7	5509UE	CMR	13.8	6509UE	CMP	13.19	—	—	—	—	—	—	
24	2	7	—	—	—	—	—	—	5600FE	CMR	13.11/43	—	—	—



# Sound, Security and Alarm Cables

## Cable Finder Guide — By Application



AWG Size	No. of Cond. or Pairs	Stranding	Non-Shielded						Shielded					
			Non-Plenum			Plenum			Non-Plenum			Plenum		
			Part No.	Rating	Page No.	Part No.	Rating	Page No.	Part No.	Rating	Page No.	Part No.	Rating	Page No.
<b>Paired</b>														
18	2 PR	7	5341UE	CMR	13.14	6341UE	CMP	13.24	5341FE	CMR	13.15	—	—	—
	3 PR	7	5342UE	CMR	13.14	6342UE	CMP	13.24	5342FE	CMR	13.15	6342FE	CMP	13.25
	4 PR	7	5343UE	CMR	13.14	6343UE	CMP	13.24	5343FE	CMR	13.15	6343FE	CMP	13.25
	6 PR	7	5345UE	CMR	13.14	6345UE	CMP	13.24	5345FE	CMR	13.15	6345FE	CMP	13.25
	9 PR	7	5347UE	CMR	13.14	6347UE	CMP	13.24	—	—	—	6347FE	CMP	13.25
20	2 PR	7	—	—	—	—	—	—	5441FE	CMR	13.15	6441FE	CMP	13.25
	3 PR	7	—	—	—	—	—	—	5442FE	CMR	13.15	—	—	—
	4 PR	7	—	—	—	—	—	—	—	—	—	6443FE	CMP	13.25
	6 PR	7	—	—	—	—	—	—	5445FE	CMR	13.15	—	—	—
22	2 PR	Solid	—	—	—	6561UE	CMP	13.24	5561FE	CMR	13.15	6561FE	CMP	13.25
	2 PR	7	5541UE	CMR	13.14	6541UE	CMP	13.24	5541FE	CMR	13.15	6541FE	CMP	13.25
	3 PR	Solid	—	—	—	6562UE	CMP	13.24	5562FE	CMR	13.15	—	—	—
	3 PR	7	5542UE	CMR	13.14	6542UE	CMP	13.24	5542FE	CMR	13.15	6542FE	CMP	13.25
	4 PR	Solid	—	—	—	6563UE	CMP	13.24	5563FE	CMR	13.15	6563FE	CMP	13.25
	4 PR	7	5543UE	CMR	13.14	6543UE	CMP	13.24	5543FE	CMR	13.15	6543FE	CMP	13.25
	6 PR	7	—	—	—	6545UE	CMP	13.24	5545FE	CMR	13.15	6545FE	CMP	13.25
	9 PR	7	5547UE	CMR	13.14	6547UE	CMP	13.24	—	—	—	6547FE	CMP	13.25
<b>Shielded Twisted Pairs</b>														
22	4 STP	7	—	—	—	—	—	—	5543PE	CMR	13.16	—	—	—
<b>Combination Pairs + Conductors</b>														
18	1STP +2/C	7	—	—	—	—	—	—	5302GE	CMR	13.17	—	—	—
20	1STP +1/C	7	—	—	—	—	—	—	5401GE	CMR	13.17	6401GE	CMP	13.26
	1STP +2/C	7	—	—	—	—	—	—	5402GE	CMR	13.17	—	—	—
22	1STP +1/C	7	—	—	—	—	—	—	5501GE	CMR	13.17	6501GE	CMP	13.26
	1STP +2/C	7	—	—	—	—	—	—	5502GE	CMR	13.17	6502GE	CMP	13.26
	1STP +2TP	7	—	—	—	—	—	—	5542GE	CMR	13.17	—	—	—
<b>Water-blocked</b>														
18	2/C	7	5300U1	CM	13.13	—	—	—	5300F1	CM	13.13	—	—	—
20	2/C	7	—	—	—	—	—	—	5400F1	CM	13.13	—	—	—
22	2/C	7	—	—	—	—	—	—	5500F1	CM	13.13	—	—	—
	1STP +1/C	Solid	—	—	—	—	—	—	5521G1	CM	13.18	—	—	—
	1STP +1/C	7	—	—	—	—	—	—	5501G1	CM	13.18	—	—	—
	1STP +2/C	Solid	—	—	—	—	—	—	5522G1	CM	13.18	—	—	—
	1STP +2/C	7	—	—	—	—	—	—	5502G1	CM	13.18	—	—	—
	1STP +4/C	7	—	—	—	—	—	—	5504G1	CM	13.18	—	—	—

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



# Sound, Security and Alarm Cables

## Cable Finder Guide — By Construction



AWG Size	No. of Cond. or Pairs	Stranding	Non-Shielded						Shielded					
			Non-Plenum			Plenum			Non-Plenum			Plenum		
			Part No.	Rating	Page No.	Part No.	Rating	Page No.	Part No.	Rating	Page No.	Part No.	Rating	Page No.
<b>Pro Audio Plenum, Lower Capacitance</b>														
18	2/C	7	—	—	—	—	—	—	—	—	—	6300FC	CMP	13.27/46
	4/C	7	—	—	—	—	—	—	—	—	—	6302FC	CMP	13.27/46
	2 STP	7	—	—	—	—	—	—	—	—	—	6341PC	CMP	13.29
	3 STP	7	—	—	—	—	—	—	—	—	—	6342PC	CMP	13.29
	4 STP	7	—	—	—	—	—	—	—	—	—	6343PC	CMP	13.29
	6 STP	7	—	—	—	—	—	—	—	—	—	6345PC	CMP	13.29
20	2/C	7	—	—	—	—	—	—	—	—	—	6400FC	CMP	13.27/46
22	2/C	7	—	—	—	—	—	—	—	—	—	6500FC	CMP	13.27/46
	4/C	7	—	—	—	—	—	—	—	—	—	6502FC	CMP	13.27/46
	2 STP	7	—	—	—	—	—	—	—	—	—	6541PA	CMP	13.29
	3 STP	7	—	—	—	—	—	—	—	—	—	6542PA	CMP	13.29
	4 STP	7	—	—	—	—	—	—	—	—	—	6543PA	CMP	13.29
	6 STP	7	—	—	—	—	—	—	—	—	—	6545PA	CMP	13.29
	8 STP	7	—	—	—	—	—	—	—	—	—	6546PA	CMP	13.29
	12 STP	7	—	—	—	—	—	—	—	—	—	6548PA	CMP	13.29
	16 STP	7	—	—	—	—	—	—	—	—	—	6549PA	CMP	13.29
24	2 TP*	7	—	—	—	—	—	—	—	—	—	6641FC	CMP	13.28
<b>High-Strand Commercial Audio</b>														
10	2/C	65	5T00UP	CL2	13.42	6T00UP	CL2P	13.44	—	—	—	—	—	—
12	2/C	65	5000UP	CL3	13.42	—	—	—	—	—	—	—	—	—
	4/C	65	5002UP	CL3	13.42	—	—	—	—	—	—	—	—	—
14	2/C	42	5100UP	CL3	13.42	—	—	—	—	—	—	—	—	—
	4/C	42	5102UP	CL3	13.42	—	—	—	—	—	—	—	—	—
16	2/C	65	5200UP	CM	13.42	—	—	—	—	—	—	—	—	—
	4/C	65	5202UP	CM	13.42	—	—	—	—	—	—	—	—	—
18	2/C	42	5300UP	CM	13.42	—	—	—	—	—	—	—	—	—
	4/C	42	5302UP	CM	13.42	—	—	—	—	—	—	—	—	—
<b>Fire Alarm</b>														
12	2/C	Solid	5020UL	FPLR	13.35	6020UL	FPLP	13.39	5020FL	FPLR	13.36	6020FL	FPLP	13.39
14	2/C	Solid	5120UL	FPLR	13.35	6120UL	FPLP	13.39	5120FL	FPLR	13.36	6120FL	FPLP	13.39
	4/C	Solid	5122UL	FPLR	13.35	6122UL	FPLP	13.39	5122FL	FPLR	13.36	6122FL	FPLP	13.39
16	2/C	Solid	5220UL	FPLR	13.35	6220UL	FPLP	13.39	5220FL	FPLR	13.36	6220FL	FPLP	13.39
	4/C	Solid	5222UL	FPLR	13.35	6222UL	FPLP	13.39	5222FL	FPLR	13.36	6222FL	FPLP	13.39
18	2/C	Solid	5320UL	FPLR	13.35	6320UL	FPLP	13.39	5320FL	FPLR	13.36	6320FL	FPLP	13.39
	3/C	Solid	—	—	—	6321UL	FPLP	13.39	—	—	—	—	—	
	4/C	Solid	5322UL	FPLR	13.35	6322UL	FPLP	13.39	5322FL	FPLR	13.36	6322FL	FPLP	13.39
	6/C	Solid	5324UL	FPLR	13.35	6324UL	FPLP	13.39	—	—	—	—	—	
	8/C	Solid	5326UL	FPLR	13.35	6326UL	FPLP	13.39	—	—	—	—	—	
	10/C	Solid	5328UL	FPLR	13.35	6328UL	FPLP	13.39	—	—	—	—	—	
22	12/C	Solid	5329UL	FPLR	13.35	—	—	—	—	—	—	—	—	
	4/C	Solid	5522UL	FPLR	13.35	6522UL	FPLP	13.39	5522FL	FPLR	13.36	—	—	
	6/C	Solid	5524UL	FPLR	13.35	6524UL	FPLP	13.39	—	—	—	—	—	
8/C	Solid	5526UL	FPLR	13.35	—	—	—	—	—	—	—	—	—	
<b>Fire Alarm, Mid-Capacitance</b>														
12	2/C	Solid	—	—	—	—	—	—	5020FJ	FPL	13.37	—	—	—
14	2/C	Solid	—	—	—	6120UJ	FPLP	13.40	5120FJ	FPL	13.37	—	—	—
16	2/C	Solid	5220UJ	FPL	13.37	6220UJ	FPLP	13.40	5220FJ	FPL	13.37	6220FK	FPLP	13.40
	4/C	Solid	—	—	—	—	—	—	5222FJ	FPL	13.37	—	—	—
18	2/C	Solid	5320UJ	FPL	13.37	6320UJ	FPLP	13.40	5320FJ	FPL	13.37	6320FK	FPLP	13.40
	4/C	Solid	—	—	—	—	—	—	5322FJ	FPL	13.37	—	—	—
<b>Fire Alarm, Non-Power-Limited</b>														
12	2/C	Solid	—	—	—	—	—	—	5020FN	NPLF	13.38	—	—	—
14	2/C	Solid	5120UN	NPLF	13.38	—	—	—	5120FN	NPLF	13.38	—	—	—
	4/C	Solid	—	—	—	—	—	—	5122FN	NPLF	13.38	—	—	—
16	2/C	Solid	5220UN	NPLF	13.38	—	—	—	5220FN	NPLF	13.38	—	—	—
	4/C	Solid	5222UN	NPLF	13.38	—	—	—	5222FN	NPLF	13.38	—	—	—
18	2/C	Solid	5320UN	NPLF	13.38	—	—	—	5320FN	NPLF	13.38	—	—	—
	4/C	Solid	5322UN	NPLF	13.38	—	—	—	5322FN	NPLF	13.38	—	—	—

STP = Shielded Twisted Pair(s) • TP = Twisted Pair(s) • /C = Conductors(s)  
 \*Overall Shielded



**Sound, Security and Alarm Cables**

## Cable Finder Guide — Coax



Series Type	AWG Size	Stranding	Non-Plenum				Plenum			
			Part No.	Rating	Shield/Braid Coverage	Page No.	Part No.	Rating	Shield/Braid Coverage	Page No.
<b>CCTV Coax</b>										
Mini 59	25	Solid	573945	CM	94% Bare Copper	13.30	673948	CMP	95% Bare Copper	13.33
RG-62	22	Solid	—	—	—	—	6539Y8	CMP	95% Bare Copper	13.33
RG-59/U	22	7	551945	CM	95% Bare Copper	13.30	—	—	—	—
	20	Solid	543945	CM	95% Bare Copper	13.30	643948	CMP	95% Bare Copper	13.33
RG-6/U	18	Solid	533945	CM	95% Bare Copper	13.30	633948	CMP	95% Bare Copper	13.33
RG-11/U	14	Solid	513945	CM	95% Bare Copper	13.30	613948	CMP	95% Bare Copper	13.33
<b>CCTV Coax, Water-blocked</b>										
RG-59/U	20	Solid	5439W5	CM	Duofoil® + 95% TC	13.30	—	—	—	—
RG-6/U	18	Solid	5339W5	CM	Duofoil + 60% Aluminum	13.30	—	—	—	—
<b>CATV Coax</b>										
RG-59/U	20	Solid	—	—	—	—	6439C8	CMP	Duofoil + 80% Aluminum	13.34
	20	Solid	—	—	—	—	6439Q8	CMP	Copper Quad Shield	13.34
RG-6/U	18	Solid	5339B5	CM	Duofoil + 60% Aluminum	13.31	633938	CMP	Duofoil + 80% Aluminum	13.34
	18	Solid	5339Q5	CM	Aluminum Quad Shield	13.31	6339Q8	CMP	Copper Quad Shield	13.34
RG-11/U	14	Solid	—	—	—	—	6139B8	CMP	Duofoil + 60% Aluminum	13.34
<b>Schlage Coax</b>										
RG-6/U	18	Solid	5399B5	CM	Duobond® + 60% Alum.	13.31	—	—	—	—
<b>Composite CCTV Coax with Unshielded Pair for Control or Audio</b>										
RG-59	20 +18TP	Solid + 7	549945	CM	95% Bare Copper + Unshielded	13.32	649948	CMP	95% Bare Copper + Unshielded	13.32
RG-6	18 +18TP	Solid + 7	539945	CM	95% Bare Copper + Unshielded	13.32	639948	CMP	95% Bare Copper + Unshielded	13.32

TC = Tinned Copper • TP = Twisted Pair(s)



# Security and Alarm Cable

Residential, Light Commercial and Institutional Applications



## Unshielded Multi-conductor

CM FT1 Rated

### Product Description

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

**Color Code:** See chart below.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	Polypropylene
<b>Insulation Thickness</b>	.006" (.152mm)
<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>	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
1	Black
2	Red
3	White
4	Green

††Except 5582UG 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 CM and CEC CM FT1)

22 AWG										
<b>5500UG</b> <small>new</small>	2	7	U-500	U-152	5.0	2.3	.015	.38	.114	2.90
			U-1000	U-305	9.0	4.1				
<b>5582UG*</b> <small>new</small>	4	solid	U-500	U-152	7.0	3.2	.015	.38	.122	3.10
			U-1000	U-305	13.0	5.9				
<b>5502UG**</b> <small>new</small>	4	7	U-500	U-152	7.5	3.4	.015	.38	.131	3.33
			U-1000	U-305	14.0	6.4				
18 AWG										
<b>5300UG†</b> <small>new</small>	2	7	U-500	U-152	8.5	3.9	.015	.38	.148	3.76
			U-1000	U-305	16.0	7.3				

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

\*\* 5502UG not available in Orange.

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



# Security and Alarm Cable

Commercial Applications



## Unshielded Multi-conductor

CMR/CMG FT4 Rated

### Product Description

Bare copper conductors, PVC insulation, Gray PVC jacket. 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

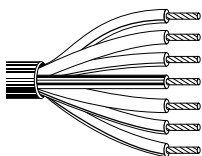
### Applications

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

††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	U-500	U-152	5.0	2.3	.015	.38	.122	3.10
			U-1000	U-305	9.0	4.1				
			1000	305	9.0	4.1				
5500UE	2	7	U-500	U-152	5.5	2.5	.015	.38	.128	3.25
			500	152	5.5	2.5				
			U-1000	U-305	10.0	4.5				
			1000	305	9.0	4.1				
5501UE	3	7	500	152	6.5	3.0	.015	.38	.135	3.43
			U-1000	U-305	13.0	5.9				
			1000	305	13.0	5.9				
5522UE <small>new</small>	4	solid	U-1000	U-305	16.0	7.3	.015	.38	.141	3.58
			1000	305	16.0	7.3				
5582UE*	4	solid	U-500	U-152	6.5	3.0	.015	.38	.141	3.58
			U-1000	U-305	12.0	5.5				
			1000	305	12.0	5.5				
5502UE**	4	7	U-500	U-152	8.5	3.9	.015	.38	.148	3.76
			U-1000	U-305	16.0	7.3				
			1000	305	17.0	7.7				
5503UE <small>new</small>	5	7	U-1000	U-305	20.0	9.1	.015	.38	.162	4.11
			1000	305	20.0	9.1				
5524UE <small>new</small>	6	solid	1000	305	22.0	10.0	.015	.38	.168	4.27
5504UE**	6	7	U-500	U-152	14.0	6.4	.015	.38	.177	4.50
			500	152	13.5	6.1				
			U-1000	U-305	27.0	12.3				
			1000	305	27.0	12.3				
5526UE <small>new</small>	8	solid	1000	305	28.0	12.7	.015	.38	.182	4.62
5506UE	8	7	U-500	U-152	15.0	6.8	.015	.38	.192	4.88
			U-1000	U-305	30.0	13.6				
			1000	305	29.0	13.2				
5508UE	10	7	U-1000	U-305	37.0	16.8	.015	.38	.226	5.74
			1000	305	41.0	18.6				
5529UE	12	solid	U-1000	U-305	41.0	18.6	.015	.38	.221	5.61
			1000	305	46.0	20.9				
5509UE	12	7	U-500	U-152	21.5	9.8	.015	.38	.233	5.92
			U-1000	U-305	42.0	19.1				
			1000	305	47.0	21.4				
20 AWG										
5400UE	2	7	U-1000	U-305	13.0	5.9	.015	.38	.142	3.61
			1000	305	13.0	5.9				
5401UE	3	7	500	152	9.0	4.1	.015	.38	.150	3.81
			U-1000	U-305	18.0	8.2				
			1000	305	18.0	8.2				
5402UE	4	7	U-1000	U-305	23.0	10.5	.015	.38	.165	4.19
			1000	305	23.0	10.5				
5403UE	5	7	U-1000	U-305	28.0	12.7	.015	.38	.181	4.60
			1000	305	28.0	12.7				
5405UE <small>new</small>	7	7	500	152	19.0	8.6	.015	.38	.198	5.03
			1000	305	40.0	18.2				
5406UE <small>new</small>	8	7	U-1000	U-305	41.0	18.6	.015	.38	.215	5.46
			1000	305	44.0	20.0				
5407UE <small>new</small>	9	7	1000	305	52.0	23.6	.015	.38	.233	5.92
5408UE <small>new</small>	10	7	1000	305	53.0	24.1	.015	.38	.254	6.45
5409UE <small>new</small>	12	7	1000	305	62.0	28.2	.015	.38	.262	6.65
540BUE <small>new</small>	20	7	1000	305	109.0	49.5	.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 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

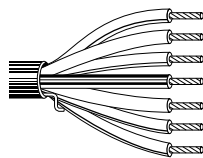
### Applications

- 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/Violet

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	U-1000	U-305	17.0	7.7	.015	.38	.151	3.84
5300UE*	2	7	U-500	U-152	9.0	4.1	.015	.38	.161	4.09
			500	152	9.5	4.3				
			U-1000	U-305	18.0	8.2				
			1000	305	18.0	8.2				
5321UE	3	solid	500	152	11.5	5.2	.015	.38	.160	4.06
5301UE	3	7	U-1000	U-305	23.0	10.5	.015	.38	.171	4.34
			500	152	12.5	5.7				
			U-1000	U-305	24.0	10.9				
			1000	305	25.0	11.4				
5322UE <small>new</small>	4	solid	1000	305	30.0	13.6	.015	.38	.176	4.47
5302UE	4	7	U-500	U-152	16.0	7.3	.015	.38	.188	4.78
			500	152	16.0	7.3				
			U-1000	U-305	32.0	14.5				
			1000	305	32.0	14.5				
5303UE	5	7	500	152	20.5	9.3	.015	.38	.207	5.26
			U-1000	U-305	39.0	17.7				
			1000	305	39.0	17.7				
5304UE	6	7	500	152	26.0	11.8	.015	.38	.226	5.74
			U-1000	U-305	51.0	23.2				
			1000	305	56.0	25.5				
5305UE <small>new</small>	7	7	U-1000	U-305	51.0	23.2	.015	.38	.226	5.74
			1000	305	52.0	23.6				
5306UE	8	7	500	152	29.5	13.4	.015	.38	.248	6.30
			1000	305	59.0	26.8				
			U-1000	U-305	66.0	30.0				
5307UE	9	7	1000	305	66.0	30.0	.015	.38	.269	6.83
5308UE	10	7	500	152	38.5	17.5	.015	.38	.294	7.47
			1000	305	74.0	33.6				
			U-1000	U-305	74.0	33.6				
5309UE	12	7	500	152	47.5	21.6	.020	.51	.314	7.98
			1000	305	90.0	40.9				
			U-1000	U-305	90.0	40.9				
530BUE <small>new</small>	20	7	1000	305	151.0	68.6	.025	.64	.400	10.16
16 AWG										
5200UE	2	19	U-500	U-152	13.0	5.9	.015	.38	.184	4.67
			500	152	12.5	5.7				
			U-1000	U-305	25.0	11.4				
			1000	305	25.0	11.4				
5201UE	3	19	U-500	U-152	18.0	8.2	.015	.38	.196	4.98
			500	152	18.5	8.4				
			U-1000	U-305	35.0	15.9				
			1000	305	38.0	17.3				
5202UE	4	19	U-500	U-152	23.0	10.5	.015	.38	.216	5.49
			500	152	23.5	10.7				
			U-1000	U-305	46.0	20.9				
			1000	305	51.0	23.2				
5205UE <small>new</small>	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 Multi-conductor 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>	CL3R
NEC	CL3R
<b>NEC Articles</b>	725
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	75°C

#### Applications

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



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 CL3R)

14 AWG										
5100UE	2	19	500	152	19.5	8.9	.015	.38	.234	5.94
			U-1000	U-305	38.0	17.3				
			1000	305	39.0	17.7				
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	73.0	33.2				
12 AWG										
5000UE	2	19	500	152	28.5	13.0	.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

#### 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 (aluminum side out) with drain wire, Gray PVC jacket. Sequential footage marking every two feet.

**Color Code:** See chart below.

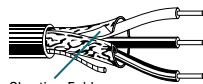
### Specifications

<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

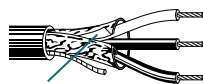
- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

#### 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										
<b>5600FE</b> <small>new</small>	2	7	U-1000 1000	U-305 305	11.0 10.0	5.0 4.5	.015	.38	.120	3.05
22 AWG										
<b>5520FE</b>	2	solid	U-1000 1000	U-305 305	14.0 14.0	6.4 6.4	.015	.38	.125	3.18
<b>5500FE</b>	2	7	U-500 500 U-1000 1000	U-152 152 U-305 305	6.5 6.0 12.0 11.0	3.0 2.7 5.5 5.0	.015	.38	.130	3.30
<b>5521FE</b>	3	solid	U-1000 1000	U-305 305	12.0 12.0	5.5 5.5	.015	.38	.132	3.35
<b>5501FE</b>	3	7	U-500 500 U-1000 1000	U-152 152 U-305 305	7.5 8.0 15.0 15.0	3.6 3.4 6.8 6.8	.015	.38	.138	3.51
<b>5502FE</b>	4	7	U-500 500 U-1000 1000	U-152 152 U-305 305	10.0 9.5 18.0 19.0	4.5 4.3 8.2 8.6	.015	.38	.152	3.86
<b>5503FE</b> <small>new</small>	5	7	1000	305	22.0	10.0	.015	.38	.165	4.19
<b>5504FE</b>	6	7	U-500 U-1000 1000	U-152 U-305 305	15.0 29.0 29.0	6.8 13.2 13.2	.015	.38	.179	4.55
<b>5506FE</b>	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
<b>5508FE</b>	10	7	U-500 U-1000 1000	U-152 U-305 305	20.0 39.0 44.0	9.1 17.7 20.0	.015	.38	.230	5.84
20 AWG										
<b>5400FE</b>	2	7	U-500 500 U-1000 1000	U-152 152 U-305 305	8.5 8.0 16.0 16.0	3.9 3.6 7.3 7.3	.015	.38	.145	3.68
<b>5401FE</b>	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
<b>5402FE</b>	4	7	U-500 500 U-1000 1000	U-152 152 U-305 305	13.5 13.0 26.0 26.0	6.1 5.9 11.8 11.8	.015	.38	.168	4.27
<b>5403FE</b>	5	7	U-1000 1000	U-305 305	30.0 30.0	13.6 13.6	.015	.38	.184	4.67
<b>5405FE</b> <small>new</small>	7	7	U-1000 1000	U-305 305	40.0 40.0	18.2 18.2	.015	.38	.201	5.11
<b>5407FE</b> <small>new</small>	9	7	1000	305	55.0	25.0	.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 (aluminum side out) with drain wire, Gray PVC jacket. Sequential footage marking every two feet.

**Color Code:** See chart below.

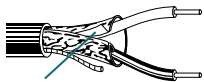
## Specifications

<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
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

## Applications

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

### 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	U-1000 1000	U-305 305	21.0 21.0	9.5 9.5	.015	.38	.155	3.94
5300FE	2	7	U-500 500 U-1000 1000	U-152 152 U-305 305	11.5 11.0 22.0 22.0	5.2 5.0 10.0 10.0	.015	.38	.165	4.19
5301FE	3	7	U-500 500 U-1000 1000	U-152 152 U-305 305	15.0 15.0 29.0 30.0	6.8 6.8 13.2 13.6	.015	.38	.175	4.45
5302FE	4	7	U-500 500 U-1000 1000	U-152 152 U-305 305	18.5 20.5 37.0 37.0	8.4 9.3 16.8 16.8	.015	.38	.192	4.88
5303FE	5	7	U-500 500 U-1000 1000	U-152 152 U-305 305	22.0 22.5 44.0 45.0	10.0 10.2 20.0 20.5	.015	.38	.211	5.36
5304FE	6	7	U-500 500 1000	U-152 152 305	28.0 28.5 61.0	12.7 13.0 27.7	.015	.38	.230	5.84
5305FE <small>(NEW)</small>	7	7	1000	305	57.0	25.9	.015	.38	.230	5.84
5306FE*	8	7	500 1000	152 305	32.0 64.0	14.5 29.1	.015	.38	.270	6.86
5307FE	9	7	1000	305	71.0	32.3	.015	.38	.272	6.91

16 AWG										
5200FE	2	19	U-500 500 U-1000 1000	U-152 152 U-305 305	16.5 18.0 32.0 32.0	7.5 8.2 14.5 14.5	.015	.38	.188	4.78
5201FE	3	19	500 U-1000 1000	152 U-305 305	22.0 43.0 42.0	10.0 19.5 19.1	.015	.38	.200	5.08
5202FE	4	19	500 1000	152 305	27.0 58.0	12.3 26.4	.015	.38	.220	5.59

## Shielded Multi-conductor (NEC CL3R)

14 AWG										
5100FE	2	19	500 U-1000 1000	152 U-305 305	28.0 48.0 53.0	12.7 21.8 24.1	.015	.38	.238	6.05
5101FE	3	19	1000	305	66.0	30.0	.015	.38	.253	6.43

12 AWG										
5000FE	2	19	500 1000	152 305	36.5 67.0	16.6 30.5	.015	.38	.272	6.91

\*5306FE also available in Natural.

(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

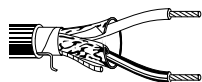
### Applications

- 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											
<b>5300U1</b> <small>new</small>	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	23.0	10.5					
			1000	305	24.0	10.9					

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

22 AWG											
<b>5500F1</b> <small>new</small>	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	17.0	7.7					
			1000	305	17.0	7.7					

20 AWG											
<b>5400F1</b> <small>new</small>	2	7	U-500	U-152	11.0	5.0	.025	.64	.206	5.23	
			500	152	10.5	4.8					
			U-1000	U-305	22.0	10.0					
			1000	305	21.0	9.5					

18 AWG											
<b>5300F1</b> <small>new</small>	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	29.0	13.2					



# Security and Alarm Cable

Commercial Applications



## 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.

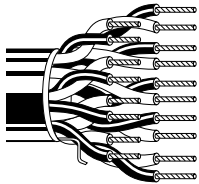
**Color Code:** See chart below.

### 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	19.0 19.0	8.6 8.6	.015	.38	.206	5.23
<b>5542UE</b>	3	7	U-500 U-1000 1000	U-152 U-305 305	13.0 25.0 25.0	5.9 11.4 11.4	.015	.38	.220	5.59
<b>5543UE</b>	4	7	U-1000 1000	U-305 305	32.0 32.0	14.5 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	35.0 36.0	15.9 16.4	.015	.38	.266	6.76
<b>5342UE</b>	3	7	U-1000 1000	U-305 305	49.0 50.0	22.3 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.

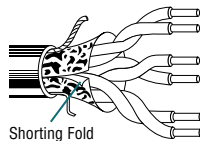
### Specifications

<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

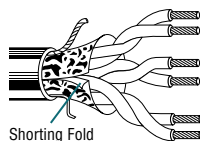
- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

### Solid Conductor



Shorting Fold

### Stranded Conductor



Shorting Fold

### 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										
<b>5561FE</b> <small>new</small>	2	solid	U-1000 1000	U-305 305	22.0 22.0	10.0 10.0	.015	.38	.200	5.08
<b>5541FE</b>	2	7	U-500 U-1000 1000	U-152 U-305 305	11.0 22.0 22.0	5.0 10.0 10.0	.015	.38	.209	5.31
<b>5562FE</b> <small>new</small>	3	solid	U-1000 1000	U-305 305	27.0 28.0	12.3 12.7	.015	.38	.212	5.38
<b>5542FE</b>	3	7	U-1000 1000	U-305 305	28.0 28.0	12.7 12.7	.015	.38	.223	5.66
<b>5563FE</b> <small>new</small>	4	solid	U-1000 1000	U-305 305	33.0 38.0	15.0 17.3	.015	.38	.246	6.25
<b>5543FE</b> <small>new</small>	4	7	1000	305	39.0	17.7	.015	.38	.252	6.40
<b>5545FE</b>	6	7	U-1000 1000	U-305 305	47.0 48.0	21.4 21.8	.015	.38	.278	7.06
20 AWG										
<b>5441FE</b> <small>new</small>	2	7	500 U-1000 1000	152 U-305 305	15.0 29.0 29.0	6.8 13.2 13.2	.015	.38	.235	5.97
<b>5442FE</b> <small>new</small>	3	7	U-1000 1000	U-305 305	38.0 43.0	17.3 19.5	.015	.38	.252	6.40
<b>5445FE</b> <small>new</small>	6	7	1000	305	72.0	32.7	.020	.51	.323	8.20
18 AWG										
<b>5341FE</b>	2	7	500 U-1000 1000	152 U-305 305	21.0 41.0 42.0	9.5 18.6 19.1	.015	.38	.270	6.86
<b>5342FE</b>	3	7	1000	305	52.0	23.6	.015	.38	.275	6.99
<b>5343FE</b>	4	7	1000	305	70.0	31.8	.015	.38	.318	8.08
<b>5345FE</b>	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.

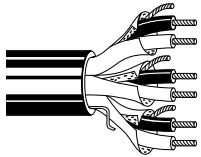
**Color Code:** See chart below.

### 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										
<b>5543PE</b> <small>new</small>	4	7	1000	305	54.0	24.5	.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



13 • New Generation® Cables

## 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	17.0	7.7	.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	U-1000 1000	U-305 305	23.0 24.0	10.5 10.9	.015	.38	.196	4.98
5402GE <small>NEW</small>	1 STP +2/C	7	U-1000	U-305	27.0	12.3	.015	.38	.200	5.08
18 AWG										
5302GE <small>NEW</small>	1 STP +2/C	7	1000	305	31.5	14.3	.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.

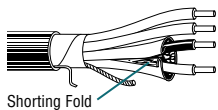
#### Specifications

<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

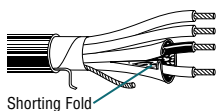
#### Applications

- 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> <small>new</small>	1 STP +1/C	solid	U-500	U-152	11.5	5.2	.025	.64	.212	5.38
			500	152	13.0	5.9				
			U-1000 1000	U-305 305	23.0 22.0	10.5 10.0				
<b>5501G1</b> <small>new</small>	1 STP +1/C	7	U-500	U-152	12.0	5.5	.025	.64	.222	5.64
			500	152	12.5	5.7				
			U-1000 1000	U-305 305	24.0 25.0	10.9 11.4				
<b>5522G1</b> <small>new</small>	1 STP +2/C	solid	U-500	U-152	13.5	6.1	.025	.64	.224	5.69
			500	152	15.0	6.8				
			U-1000 1000	U-305 305	26.0 27.0	11.8 12.3				
<b>5502G1</b> <small>new</small>	1 STP +2/C	7	U-500	U-152	14.5	6.6	.025	.64	.240	6.10
			500	152	14.5	6.6				
			U-1000 1000	U-305 305	28.0 29.0	12.7 13.2				
<b>5504G1</b> <small>new</small>	1 STP +4/C	7	U-500	U-152	18.0	8.2	.025	.64	.268	6.81
			500	152	18.0	8.2				
			U-1000 1000	U-305 305	35.0 36.0	15.9 16.4				

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



# Security and Alarm Cable

Commercial Applications  
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	U-500 U-1000 1000	U-152 U-305 305	5.5 10.0 10.0	2.5 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 <small>new</small>	4	solid	U-1000 1000	U-305 305	16.0 16.0	7.3 7.3	.015	.38	.136	3.45
6502UE	4	7	U-500 500 U-1000 1000	U-152 152 U-305 305	9.0 8.5 17.0 17.0	4.1 3.9 7.7 7.7	.015	.38	.143	3.63
6524UE <small>new</small>	6	solid	U-1000	U-305	23.0	10.5	.015	.38	.162	4.11
6504UE	6	7	500 U-1000 1000	152 U-305 305	12.0 24.0 24.0	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 31.0 31.0	7.0 14.1 14.1	.015	.38	.186	4.72
6508UE	10	7	U-1000 1000	U-305 305	38.0 43.0	17.3 19.5	.015	.38	.218	5.54
6509UE	12	7	U-500 U-1000 1000	U-152 U-305 305	22.0 44.0 49.0	10.0 20.0 22.3	.015	.38	.225	5.72
20 AWG										
6400UE	2	7	500 U-1000 1000	152 U-305 305	7.0 13.0 14.0	3.2 5.9 6.4	.015	.38	.138	3.51
6401UE	3	7	U-1000 1000	U-305 305	18.0 18.0	8.2 8.2	.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 <small>new</small>	8	7	1000	305	44.0	20.0	.015	.38	.209	5.21



# Security and Alarm Cable

Commercial Applications  
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>	CMP NEC CEC
<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										
<b>6320UE</b>	2	solid	U-1000	U-305	17.0	7.7	.015	.38	.147	3.73
<b>6300UE</b>	2	7	U-500	U-152	9.5	4.3	.015	.38	.157	3.99
			500	152	9.0	4.1				
			U-1000	U-305	18.0	8.2				
			1000	305	18.0	8.2				
<b>6321UE</b>	3	solid	500	152	12.0	5.5	.015	.38	.156	3.96
<b>6301UE</b>	3	7	U-1000	U-305	24.0	10.9				
			1000	305	24.0	10.9				
			U-500	U-152	13.0	5.9	.015	.38	.168	4.27
			500	152	12.5	5.7				
			U-1000	U-305	25.0	11.4				
			1000	305	25.0	11.4				
<b>6322UE</b>	4	solid	U-1000	U-305	30.0	13.6	.015	.38	.171	4.34
<small>NEW</small>										
<b>6302UE</b>	4	7	U-500	U-152	18.5	8.4	.015	.38	.186	4.72
			500	152	20.0	9.1				
			U-1000	U-305	36.0	16.4				
			1000	305	39.0	17.7				
<b>6303UE</b>	5	7	U-1000	U-305	39.0	17.7	.015	.38	.203	5.16
			1000	305	41.0	18.6				
<b>6304UE</b>	6	7	500	152	23.5	10.7	.015	.38	.222	5.64
			1000	305	51.0	23.2				
			U-500	U-152	30.5	13.9	.015	.38	.242	6.15
			500	152	30.5	13.9				
			1000	305	65.0	29.5				
<b>6307UE</b>	9	7	1000	305	68.0	30.9	.015	.38	.262	6.65
<b>6308UE</b>	10	7	500	152	40.5	18.4	.015	.38	.286	7.26
			1000	305	75.0	34.1				
			U-1000	U-305	84.0	38.2	.015	.38	.296	7.52
			1000	305	84.0	38.2				
16 AWG										
<b>6200UE</b>	2	19	500	152	13.0	5.9	.015	.38	.180	4.57
			U-1000	U-305	26.0	11.8				
			1000	305	26.0	11.8				
<b>6201UE</b>	3	19	500	152	18.0	8.2	.015	.38	.191	4.85
			U-1000	U-305	36.0	16.4				
			1000	305	38.0	17.3				
<b>6202UE</b>	4	19	500	152	25.5	11.6	.015	.38	.211	5.36
			U-1000	U-305	47.0	21.4				
			1000	305	52.0	23.6				
<b>6205UE</b>	7	19	500	152	41.5	18.9	.015	.38	.255	6.48
<small>NEW</small>										



# Security and Alarm Cable

Commercial Applications  
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										
6100UE	2	19	500	152	20.0	9.1	.015	.38	.222	5.64
			U-1000	U-305	39.0	17.7				
			1000	305	40.0	18.2				
6101UE	3	19	1000	305	60.0	27.3	.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	50.5	.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 (aluminum side out) and drain wire, Natural Flamarrest jacket with rip cord. Sequential footage marking every two feet.

**Color Code:** See chart below.

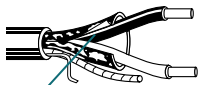
### Specifications

<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

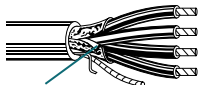
- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

#### 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										
<b>6520FE</b>	2	solid	U-1000 1000	U-305 305	13.0 13.0	5.9 5.9	.015	.38	.125	3.18
<b>6500FE</b>	2	7	U-500 500 U-1000 1000	U-152 152 U-305 305	7.0 7.0 13.0 13.0	3.2 3.2 5.9 5.9	.015	.38	.132	3.35
<b>6521FE</b>	3	solid	1000	305	17.0	7.7	.015	.38	.132	3.35
<b>6501FE</b>	3	7	500 U-1000 1000	152 U-305 305	8.0 16.0 16.0	3.6 7.3 7.3	.015	.38	.140	3.56
<b>6502FE</b>	4	7	500 U-1000 1000	152 U-305 305	10.0 20.0 20.0	4.5 9.1 9.1	.015	.38	.150	3.81
<b>6504FE</b>	6	7	U-500 500 U-1000 1000	U-152 152 U-305 305	13.5 15.0 26.0 26.0	6.1 6.8 11.8 11.8	.015	.38	.178	4.52
<b>6506FE</b>	8	7	U-1000 1000	U-305 305	34.0 37.0	15.5 16.8	.015	.38	.193	4.90
<b>6508FE</b>	10	7	U-1000 1000	U-305 305	41.0 46.0	18.6 20.9	.015	.38	.225	5.72
20 AWG										
<b>6420FE</b>	2	solid	U-1000 1000	U-305 305	16.0 15.0	7.3 6.8	.015	.38	.137	3.48
<b>6400FE</b>	2	7	U-1000 1000	U-305 305	17.0 17.0	7.7 7.7	.015	.38	.145	3.68
<b>6401FE</b>	3	7	U-1000 1000	U-305 305	22.0 22.0	10.0 10.0	.015	.38	.153	3.89
<b>6402FE</b>	4	7	U-1000 1000	U-305 305	27.0 27.0	12.3 12.3	.015	.38	.167	4.24
<b>6405FE</b> <small>new</small>	7	7	1000	305	44.0	20.0	.015	.38	.199	5.05
<b>6407FE</b> <small>new</small>	9	7	1000	305	56.0	25.5	.015	.38	.232	5.89



# Security and Alarm Cable

Commercial Applications  
Shielded, Plenum-Rated



13 • New Generation® Cables

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

## Product Description

Bare copper conductors, Flamarrest® insulation, conductors cabled, overall Beldfoil® tape shield (aluminum 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

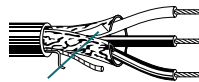
- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls

### 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	1000	305	22.0	10.0	.015	.38	.153	3.89
6300FE	2	7	U-500	U-152	12.0	5.5	.015	.38	.162	4.11
			500	152	12.0	5.5				
			U-1000	U-305	23.0	10.5				
			1000	305	23.0	10.5				
6301FE	3	7	U-500	U-152	15.5	7.0	.015	.38	.175	4.45
			U-1000	U-305	30.0	13.6				
			1000	305	30.0	13.6				
6302FE	4	7	U-500	U-152	19.0	8.6	.015	.38	.191	4.85
			500	152	19.0	8.6				
			U-1000	U-305	38.0	17.3				
			1000	305	37.0	16.8				
6304FE	6	7	1000	305	56.0	25.5	.015	.38	.229	5.82
6306FE	8	7	1000	305	66.0	30.0	.015	.38	.259	6.58
<b>new</b> 6307FE	9	7	500	152	39.5	18.0	.015	.38	.269	6.83
			1000	305	73.0	33.2				
6309FE	12	7	500	152	54.5	24.8	.018	.46	.309	7.85
			1000	305	99.0	45.0				
16 AWG										
6200FE	2	19	500	152	16.5	7.5	.015	.38	.187	4.75
			1000	305	33.0	15.0				
6201FE	3	19	500	152	22.5	10.2	.015	.38	.198	5.03
			U-1000	U-305	44.0	20.0				
			1000	305	45.0	20.5				
6202FE	4	19	500	152	29.0	13.2	.015	.38	.218	5.54
			1000	305	59.0	26.8				

## Shielded Multi-conductor (NEC CL2P)

14 AWG										
6100FE	2	19	500	152	26.0	11.8	.015	.38	.229	5.82
			U-1000	U-305	49.0	22.3				
			1000	305	54.0	24.5				
6101FE	3	19	1000	305	70.0	31.8	.015	.38	.243	6.17
12 AWG										
6000FE	2	19	500	152	36.0	16.4	.015	.38	.263	6.68
			1000	305	68.0	30.9				

## 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  
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.

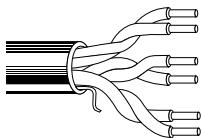
### Specifications

<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

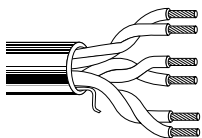
### Applications

- 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											
<b>6561UE</b> <small>new</small>	2	solid	1000	305	19.0	8.6	.015	.38	.188	4.78	
<b>6541UE</b>	2	7	U-1000 1000	U-305 305	20.0 20.0	9.1 9.1	.015	.38	.199	5.05	
<b>6562UE</b> <small>new</small>	3	solid	1000	305	25.0	11.4	.015	.38	.200	5.08	
<b>6542UE</b>	3	7	1000	305	26.0	11.8	.015	.38	.212	5.38	
<b>6563UE</b> <small>new</small>	4	solid	1000	305	30.0	13.6	.015	.38	.221	5.61	
<b>6543UE</b> <small>new</small>	4	7	1000	305	38.0	17.3	.015	.38	.234	5.94	
<b>6545UE</b>	6	7	1000	305	47.0	21.4	.015	.38	.264	6.71	
<b>6547UE</b>	9	7	1000	305	69.0	31.4	.018	.46	.318	8.08	
18 AWG											
<b>6341UE</b>	2	7	500 U-1000 1000	152 U-305 305	21.0 37.0 38.0	9.5 16.8 17.3	.015	.38	.260	6.60	
<b>6342UE</b>	3	7	U-1000 1000	U-305 305	49.0 50.0	22.3 22.7	.015	.38	.278	7.06	
<b>6343UE</b>	4	7	500 1000	152 305	37.5 66.0	17.0 30.0	.015	.38	.314	7.98	
<b>6345UE</b>	6	7	1000	305	95.0	43.2	.018	.46	.355	9.02	
<b>6347UE</b>	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 (aluminum side out) with drain wire, Natural Flamarrest jacket with rip cord. Sequential footage marking every two feet.

**Color Code:** See chart below.

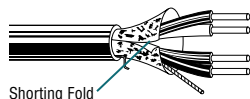
### Specifications

<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

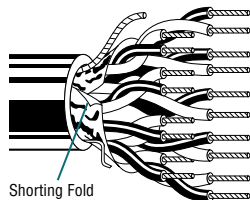
### Applications

- 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										
<b>6561FE</b> <small>new</small>	2	solid	1000	305	21.0	9.5	.015	.38	.196	4.98
<b>6541FE</b>	2	7	U-500 U-1000 1000	U-152 U-305 305	11.5 22.0 23.0	5.2 10.0 10.5	.015	.38	.206	5.23
<b>6542FE</b>	3	7	U-1000 1000	U-305 305	29.0 28.0	13.2 12.7	.015	.38	.224	5.69
<b>6563FE</b> <small>new</small>	4	solid	1000	305	39.0	17.7	.015	.38	.229	5.82
<b>6543FE</b> <small>new</small>	4	7	U-1000 1000	U-305 305	36.0 41.0	16.4 18.6	.015	.38	.241	6.12
<b>6545FE</b>	6	7	U-1000 1000	U-305 305	49.0 50.0	22.3 22.7	.015	.38	.271	6.88
<b>6547FE</b>	9	7	1000	305	72.0	32.7	.018	.46	.329	8.36
20 AWG										
<b>6441FE</b> <small>new</small>	2	7	U-500 1000	U-152 305	15.5 30.0	7.0 13.6	.015	.38	.231	5.87
<b>6443FE</b> <small>new</small>	4	7	U-1000 1000	U-305 305	50.0 51.0	22.7 23.2	.015	.38	.271	6.88
18 AWG										
<b>6342FE</b>	3	7	500 1000	152 305	28.0 56.0	12.7 25.5	.015	.38	.285	7.24
<b>6343FE</b>	4	7	500 1000	152 305	39.5 74.0	18.0 33.6	.015	.38	.319	8.10
<b>6345FE</b>	6	7	500 1000	152 305	50.0 101.0	22.7 45.9	.018	.46	.355	9.02
<b>6347FE</b>	9	7	1000	305	144.0	65.5	.019	.48	.430	10.92



# Security and Alarm Cable

Commercial Applications  
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.

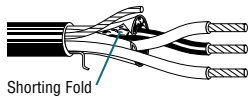
**Color Code:** Black & Red pair, White, Green.

### 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	U-1000 1000	U-305 305	24.0 24.0	10.9 10.9	.015	.38	.195	4.95

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



# Communication and Control Cable

Pro Audio and Intercom Systems  
Shielded, Plenum-Rated



## Shielded Multi-conductor

CMP FT6 Rated

### Product Description

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

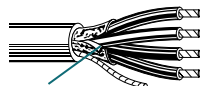
**Color Code:** See chart below.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	Halar
<b>Insulation Thickness</b>	
22 AWG	.0055" (.140mm)
20 AWG	.0060" (.152mm)
18 AWG	.0065" (.165mm)
<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

- Pro Audio Systems
- Intercom/PA Systems
- Security Systems



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)

22 AWG										
<b>6500FC</b>	2	7	U-1000	U-305	11.0	5.0	.015	.38	.116	2.95
			1000	305	11.0	5.0				
<b>6502FC</b>	4	7	1000	305	17.0	7.7	.015	.38	.133	3.38
<small>NEW</small>										
20 AWG										
<b>6400FC</b>	2	7	U-1000	U-305	15.0	6.8	.015	.38	.130	3.30
<small>NEW</small>										
18 AWG										
<b>6300FC</b>	2	7	U-1000	U-305	21.0	9.5	.015	.38	.152	3.86
			1000	305	21.0	9.5				
<b>6302FC</b>	4	7	U-1000	U-305	34.0	15.5	.015	.38	.176	4.47
			1000	305	35.0	15.9				

### Color Code Chart

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

Halar is a trademark of the Ausimont Corporation.



# Communication and Control Cable

Pro Audio and Intercom Systems  
Overall Shielded, Plenum-Rated



## Overall Shielded Pairs

CMP FT6 Rated

### Product Description

Bare copper conductors, Halar® insulation, twisted pairs cabled with a Beldfoil® shield tape (aluminum side out) and drain wire. Natural Flamarrest® jacket.

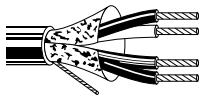
**Color Code:** Black & Red and Black & White pairs.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	Halar
<b>Insulation Thickness</b>	.0065" (.165mm)
<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

- Pro Audio Systems
- Intercom/PA Systems
- Security Systems



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 Pairs (NEC CMP and CEC CMP FT6)

24 AWG										
<b>6641FC</b> <small>new</small>	2	7	U-500	U-152	8.0	3.6	.015	.38	.164	4.17

Halar is a trademark of the Ausimont Corporation.



# Communication and Control Cable

Pro Audio and Intercom Systems  
Individually Shielded, Plenum-Rated



## Individually Shielded Twisted Pairs CMP FT6 Rated

### Product Description

Bare copper conductors, FEP or Halar® insulation (per table). Conductors twisted into pairs and individually shielded with Beldfoil® tape (aluminum side facing in) and a drain wire, multiple pairs cabled together, Gray Fluorocopolymer (22 AWG) or Natural Flammarrest® (18 AWG) jacket, rip cord. Sequential footage marking every two feet.

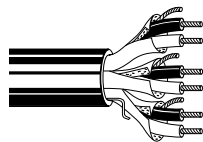
**Color Code:** See chart below.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	
22 AWG	FEP
18 AWG	Halar
<b>Insulation Thickness</b>	.010" (.254mm)
<b>Shield</b>	Beldfoil
<b>Jacket</b>	
22 AWG	Gray Fluorocopolymer
18 AWG	Natural Flammarrest
<b>Nominal Capacitance</b>	
22 AWG	27.5 pF/ft.
18 AWG	44 pF/ft.
<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



### Color Code Chart

Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	Black & Red	6	Black & Brown	11	Red & Yellow
2	Black & White	7	Black & Orange	12	Red & Brown
3	Black & Green	8	Red & White	13	Red & Orange
4	Black & Blue	9	Red & Green	14	Green & White
5	Black & Yellow	10	Red & Blue	15	Green & Blue
				16	Green & Yellow

Halar is a trademark of the Ausimont Corporation.

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 CMP and CEC CMP FT6)

22 AWG										
<b>6541PA</b>	2	7	500	152	13.5	6.1	.015	.38	.214	5.44
			U-1000	U-305	26.0	11.8				
			1000	305	26.0	11.8				
<b>6542PA</b>	3	7	1000	305	36.0	16.4	.015	.38	.228	5.79
<b>6543PA</b>	4	7	1000	305	46.0	20.9	.015	.38	.252	6.40
<b>6545PA</b>	6	7	1000	305	62.0	28.2	.015	.38	.300	7.62
<b>6546PA</b>	8	7	1000	305	82.0	37.3	.015	.38	.328	8.53
<b>6548PA</b>	12	7	1000	305	121.5	55.2	.015	.38	.404	9.14
<b>6549PA</b>	16	7	1000	305	161.0	73.2	.018	.46	.459	9.53
18 AWG										
<b>6341PC</b>	2	7	500	152	25.5	11.6	.015	.38	.278	7.06
<small>new</small>			U-1000	U-305	46.0	20.9				
			1000	305	48.0	21.8				
<b>6342PC</b>	3	7	500	152	33.0	15.0	.015	.38	.297	7.54
<small>new</small>			1000	305	67.0	30.5				
<b>6343PC</b>	4	7	1000	305	85.0	38.6	.015	.38	.329	8.36
<small>new</small>										
<b>6345PC</b>	6	7	500	152	65.0	29.5	.019	.48	.402	10.21
<small>new</small>			1000	305	128.0	58.2				



# Security Coaxial Cable

Surveillance and CCTV Applications

Shielded or Flooded for Use in Underground Ducts



## Coax

CM FT1 Rated

### Product Description

Bare copper conductor, foam polyolefin insulation, bare copper braid shield. Black PVC jacket. Sequential footage marking every two feet.

### Water-blocked Coax

CM FT1 Rated

### Product Description

Bare copper conductor, foam polyolefin insulation, foil plus braid shield as shown per item, braid impregnated with CoreGuard® flame retardant flooding compound. Black UV resistant PVC jacket. Sequential footage marking every two feet.

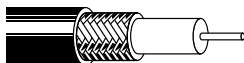
### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	FPO
<b>Shield</b>	
Coax	Bare Copper Braid
Water-blocked Coax	Foil + Braid
<b>Jacket</b>	PVC
<b>Approvals</b>	
NEC	CM
CEC	CM FT1
<b>NEC Articles</b>	800
<b>Nominal Impedance</b>	75Ω
<b>Temperature Rating</b>	75°C

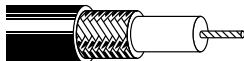
### Applications

- CCTV

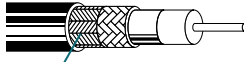
#### Solid Conductor



#### Stranded Conductor



#### Water-blocked



CoreGuard

Part No.	AWG	Stranding and Conductor	Shield/Braid Coverage	Insulation Nominal OD		Nominal OD		Standard Lengths		Standard Unit Weight	
				Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

### Coax (NEC CM and CEC CM FT1)

Mini RG-59 Type											
<b>573945*</b>	25	solid BC	94% BC	.085	2.16	.146	3.71	U-1000	U-305	16.0	7.3
<small>(new)</small>								1000	305	17.0	7.7

RG-59 Type											
<b>551945</b>	22	7/w BC	95% BC	.140	3.56	.232	5.89	U-1000	U-305	33.0	15.0
								1000	305	32.0	14.5

<b>543945*</b>	20	solid BC	95% BC	.145	3.68	.232	5.89	U-500	U-152	16.0	7.3
								500	152	16.0	7.3
								U-1000	U-305	32.0	14.5
								1000	305	32.0	14.5

RG-6 Type											
<b>533945</b>	18	solid BC	95% BC	.180	4.57	.266	6.76	500	152	22.5	10.2
								U-1000	U-305	40.0	18.2
								1000	305	41.0	18.6

RG-11 Type											
<b>513945</b>	14	solid BC	95% BC	.280	7.11	.405	10.29	500	152	49.0	22.3
								1000	305	97.0	44.1

### Water-blocked Coax (NEC CM and CEC CM FT1)

RG-59 Type											
<b>5439W5</b>	20	solid BC	Duobond® II + 95% tinned copper braid	.145	3.68	.236	5.99	U-500	U-152	13.0	5.9
<small>(new)</small>								500	152	13.5	6.1
								U-1000	U-305	26.0	11.8
								1000	305	27.0	12.3

RG-6 Type											
<b>5339W5</b>	18	solid BC	Duofoil® + 60% aluminum braid	.180	4.57	.270	6.86	U-500	U-152	16.0	7.3
<small>(new)</small>								500	152	16.0	7.3
								U-1000	U-305	32.0	14.5
								1000	305	32.0	14.5

BC = Bare Copper

\*Other jacket colors available. Consult [www.belden.com](http://www.belden.com).



# Security Coaxial Cable

CATV and MATV Applications  
Commercial or Schlage Systems



## Commercial and Schlage Coax

CM FT1 Rated

### Product Description

Bare copper conductor, foam polyolefin insulation, foil plus braid shield(s) as indicated, Black PVC jacket. Sequential footage marking every two feet.

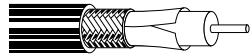
### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	FPO
<b>Shield</b>	
Coax	Duofoil® + Aluminum Braid(s)
Schlage	Duobond® + Aluminum Braid(s)
<b>Jacket</b>	PVC
<b>Approvals</b>	
NEC	CM
CEC	CM FT1
<b>NEC Articles</b>	820
<b>Nominal Impedance</b>	75Ω
<b>Temperature Rating</b>	75°C

### Applications

- CATV
- MATV

#### Duofoil Shield



#### Duobond Shield (Schlage Systems)



#### Quad Shield



Part No.	AWG	Stranding and Conductor	Shield/Braid Coverage	Insulation Nominal OD		Nominal OD		Standard Lengths		Standard Unit Weight	
				Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

### Coax (NEC CM and CEC CM FT1)

Series 6 • RG-6 Type											
5339B5*	18	solid BC	Duofoil + 60% AL braid	.180	4.57	.266	6.76	U-500	U-152	18.0	8.2
								U-1000	U-305	36.0	16.4
								1000	305	36.0	16.4
5339Q5	18	solid BC	Quad**	.180	4.57	.298	7.57	U-1000	U-305	38.0	17.3
										100	305

### Schlage Coax (NEC CM and CEC CM FT1)

Series 6 • RG-6 Type											
5399B5	18	solid BC	Duobond + 60% AL braid	.180	4.50	.270	6.86	U-500	U-152	15.0	6.8
								500	152	15.5	7.0
								U-1000	U-305	31.0	14.1
								1000	305	30.0	13.6

AL = Aluminum • BC = Bare Copper

\* Other jacket colors available. Consult [www.belden.com](http://www.belden.com).

\*\* Quad Shield = Duofoil tape + 60% aluminum braid + Duofoil tape + 40% aluminum braid.



# Security Composite Cable

CCTV plus Audio or Pan and Tilt CCTV Control Applications  
Plenum-Rated and Non-Plenum



## Composite: Coax plus Twisted Pair

CM FT1 Rated

### Product Description

**Coax:** Bare copper conductor, foam polyolefin insulation, bare copper braid shield. Black PVC jacket.

**Pair:** PVC insulation, PVC jacket.  
Color coded: Black & Red.

## Plenum-Rated Composite

CMP FT6 Rated

### Product Description

**Coax:** Bare copper conductor, foam FEP insulation, bare copper braid shield, Natural Flamarrest® jacket.

**Pair:** Halar® insulation, Natural Flamarrest jacket.  
Color coded: Black & Red.

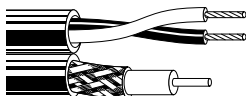
Coax and pair in Siamese configuration.  
Sequential footage marking every two feet.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation (Non-Plenum)</b>	
Coax	FPO
Pair	PVC
<b>Insulation (Plenum)</b>	
Coax	Foam FEP
Pair	Halar
<b>Shield (Coax)</b>	Bare Copper Braid
<b>Jacket</b>	
Non-Plenum	PVC
Plenum	Flamarrest
<b>Approvals (Non-Plenum)</b>	
NEC	CM
CEC	CM FT1
<b>NEC Articles</b>	800
<b>Approvals (Plenum)</b>	
NEC	CMP
CEC	CMP FT6
<b>Nominal Impedance (Coax)</b>	75Ω
<b>Temperature Rating</b>	75°C

### Applications

- CCTV plus Audio
- Pan and Tilt CCTV Control



Part No.	AWG	Stranding and Conductor	Shield/Braid Coverage	Insulation Nominal OD		Nominal OD		Standard Lengths		Standard Unit Weight	
				Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

### Composite: Coax plus Twisted Pair (NEC CM and CEC CM FT1)

RG-59 Type											
549945	20(cx)	solid BC	95% BC	.145	3.68	.232	5.89	500	152	30.0	13.6
	18(pr)	7/w BC	unshielded	.066	1.68	x	x	1000	305	60.0	27.3
						.460	11.68				

RG-6 Type											
539945	18(cx)	solid BC	95% BC	.180	4.57	.266	6.76	500	152	34.0	15.5
	18(pr)	7/w BC	unshielded	.066	1.68	x	x	1000	305	70.0	31.8
						.500	12.70				

### Plenum-Rated Composite (NEC CMP and CEC CMP FT6)

RG-59 Type											
649948	20(cx)	solid BC	95% BC	.134	3.40	.199	5.05	1000	305	52.0	23.6
	18(pr)	7/w BC	unshielded	.059	1.50	x	x				
						.383	9.72				

RG-6 Type											
639948	18(cx)	solid BC	95% BC	.170	4.32	.232	5.89	1000	305	61.0	27.7
	18(pr)	7/w BC	unshielded	.059	1.50	x	x				
						.416	10.57				

BC = Bare Copper • cx = Coax • pr = Pair

Halar is a trademark of the Ausimont Corporation.





# Security Coaxial Cable

CCTV Applications  
Plenum-Rated



## Plenum-Rated Coax

CMP FT6 Rated

### Product Description

Bare copper or copper-covered steel conductor, foam FEP insulation, bare copper braid shield. Natural Flamarrest® jacket (except 613948 which is White fluorocopolymer). Sequential footage marking every two feet.

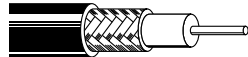
### Specifications

<b>Conductor</b>	Solid BC or BCCS
<b>Insulation</b>	Foam FEP
<b>Shield</b>	Bare Copper Braid
<b>Jacket</b>	Flamarrest*
<b>Approvals</b>	
NEC	CMP
CEC	CMP FT6
<b>NEC Articles</b>	800
<b>Nominal Impedance</b>	75Ω
<b>Temperature Rating</b>	75°C

\*613948 jacket is White fluorocopolymer.

### Applications

- CCTV



Part No.	AWG	Stranding and Conductor	Shield/Braid Coverage	Insulation Nominal OD		Nominal OD		Standard Lengths		Standard Unit Weight	
				Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

### Plenum-Rated Coax (NEC CMP and CEC CMP FT6)

#### Mini RG-59 Type

<b>673948</b>	25	solid BC	95% BC	.078	1.98	.146	3.71	U-500	U-152	9.5	4.3
<b>new</b>								U-1000	U-305	18.0	8.2
								1000	305	18.0	8.2

#### RG-62 Type

<b>6539Y8</b>	22	solid BCCS	95% BC	.146	3.71	.204	5.18	U-1000	U-305	32.0	14.5
								1000	305	33.0	15.0

#### RG-59 Type

<b>643948</b>	20	solid BC	95% BC	.135	3.43	.193	4.90	U-500	U-152	16.0	7.3
								500	152	17.5	8.0
								U-1000	U-305	31.0	14.1
								1000	305	32.0	14.5

#### RG-6 Type

<b>633948</b>	18	solid BC	95% BC	.170	4.32	.228	5.79	U-500	U-152	21.0	9.5
								500	152	22.0	10.0
								U-1000	U-305	41.0	18.6
								1000	305	42.0	19.1

#### RG-11 Type

<b>613948</b>	14	solid BC	95% BC	.274	6.96	.348	8.84	500	152	46.0	20.9
								1000	305	90.0	40.9

BC = Bare Copper • BCCS = Bare Copper-covered Steel



# Security Coaxial Cable

Commercial CATV or MATV Applications

Plenum-Rated



## Plenum-Rated Coax

CMP FT6 Rated

### Product Description

Solid bare copper (except 6339Q8 which has solid bare copper-covered steel) conductor. Foam FEP insulation. Foil plus aluminum braid shield(s) as indicated. Natural Flamarrest® jacket (except 6139B8 which is White fluorocopolymer). Sequential footage marking every two feet.

### Specifications

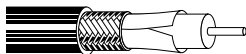
<b>Conductor</b>	Solid BC or BCCS
<b>Insulation</b>	Foam FEP
<b>Shield</b>	Duofoil® + Aluminum Braid(s)
<b>Jacket</b>	Flamarrest*
<b>Approvals</b>	
NEC	CMP
CEC	CMP FT6
<b>NEC Articles</b>	820
<b>Nominal Impedance</b>	75Ω
<b>Temperature Rating</b>	75°C

\*6139B8 jacket is White fluorocopolymer.

### Applications

- CATV
- MATV

#### Duofoil + Braid Shield



#### Quad Shield



Part No.	AWG	Stranding and Conductor	Shield/Braid Coverage	Insulation Nominal OD		Nominal OD		Standard Lengths		Standard Unit Weight	
				Inch	mm	Inch	mm	Ft.	m	Lbs.	kg

### Plenum-Rated Coax (NEC CMP and CEC CMP FT6)

#### Series 59 • RG-59 Type

<b>6439C8</b>	20	solid BC	Duofoil + 80% AL braid	.135	3.43	.199	5.05	1000	305	21.0	9.5
---------------	----	----------	------------------------	------	------	------	------	------	-----	------	-----

<b>6439Q8</b>	20	solid BC	Quad <sup>†</sup>	.135	3.43	.223	5.66	U-1000	U-305	34.0	15.5
---------------	----	----------	-------------------	------	------	------	------	--------	-------	------	------

#### Series 6 • RG-6 Type

<b>633938</b>	18	solid BC	Duofoil + 80% AL braid	.170	4.32	.233	5.92	U-500	U-152	15.0	6.8
								500	152	16.5	7.5
								U-1000	U-305	30.0	13.6
								1000	305	31.0	14.1

<b>6339Q8</b>	18	solid BCCS	Quad <sup>†</sup>	.170	4.32	.248	6.30	500	152	23.5	10.7
								U-1000	U-305	42.0	19.1
								1000	305	43.0	19.5

#### Series 11 • RG-11 Type

<b>6139B8</b>	14	solid BC	Duofoil + 60% AL braid	.274	6.96	.348	8.84	1000	305	66.0	30.0
---------------	----	----------	------------------------	------	------	------	------	------	-----	------	------

AL = Aluminum • BC = Bare Copper • BCCS = Bare Copper-covered Steel

<sup>†</sup>Quad Shield: Duofoil tape + 60% copper braid + Duofoil tape + 40% copper braid.



# Fire Alarm Cable

Commercial Applications  
Power-Limited



## Unshielded Multi-conductor FPLR/CMG FT4 Rated

### Product Description

Bare copper conductors, PVC insulation, conductors cabled together, Red 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>Jacket</b>	PVC
<b>Jacket Thickness</b>	.015" (.381mm)
<b>Approvals</b>	NEC FPLR CEC (22–16 AWG only) CMG FT4 California State Fire Marshall
<b>NEC Articles</b>	760
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	75°C

### Applications

- Fire Protection
- Alarm
- Signal
- Monitor/Detection
- Audio Circuits
- Control Circuits
- Initiating Circuits
- Notification Circuits



### Color Code Chart

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

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

### Unshielded Multi-conductor (NEC FPLR and CEC CMG FT4)

22 AWG										
5522UL	4	solid	U-1000 1000	U-305 305	16.0 16.0	7.3 7.3	.010	.25	.125	3.18
5524UL <small>new</small>	6	solid	U-1000 1000	U-305 305	22.0 22.0	10.0 10.0	.010	.25	.168	4.27
5526UL <small>new</small>	8	solid	U-1000 1000	U-305 305	28.0 28.0	12.7 12.7	.010	.25	.182	4.62
18 AWG										
5320UL	2	solid	U-500 500	U-152 152	8.5 8.5	3.9 3.9	.010	.25	.151	3.84
			U-1000 1000	U-305 305	17.0 17.0	7.7 7.7				
5322UL	4	solid	U-500 500	U-152 152	15.5 15.0	7.0 6.8	.010	.25	.176	4.47
			U-1000 1000	U-305 305	30.0 30.0	13.6 13.6				
5324UL	6	solid	500	152	23.5	10.7	.010	.25	.212	5.38
			U-1000 1000	U-305 305	43.0 45.0	19.5 20.5				
5326UL	8	solid	500	152	31.0	14.1	.010	.25	.230	5.84
			1000	305	61.0	27.7				
5328UL <small>new</small>	10	solid	1000	305	71.0	32.3	.010	.25	.272	6.91
5329UL <small>new</small>	12	solid	1000	305	83.0	37.7	.010	.25	.281	7.14
16 AWG										
5220UL	2	solid	U-500 500	U-152 152	13.0 13.0	5.9 5.9	.010	.25	.174	4.42
			U-1000 1000	U-305 305	24.0 25.0	10.9 11.4				
5222UL	4	solid	1000	305	45.0	20.5	.010	.25	.201	5.11
14 AWG										
5120UL	2	solid	500	152	19.0	8.6	.013	.33	.213	5.41
			1000	305	38.0	17.3				
5122UL	4	solid	500	152	35.0	15.9	.013	.33	.251	6.38
			1000	305	70.0	31.8				
12 AWG										
5020UL	2	solid	1000	305	59.0	26.8	.013	.33	.244	6.20



# Fire Alarm Cable

Commercial Applications  
Shielded, Power-Limited



## Shielded Multi-conductor

FPLR/CMG FT4 Rated

### Product Description

Bare copper conductors, PVC insulation, conductors cabled together, Beldfoil® shield and drain wire, Red 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>Shield</b>	Beldfoil
<b>Jacket</b>	PVC
<b>Jacket Thickness</b>	.015" (.381mm)
<b>Approvals</b>	NEC FPLR CEC (22-16 AWG only) CMG FT4 California State Fire Marshall
<b>NEC Articles</b>	760
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	75°C

### Applications

- Fire Protection
- Alarm
- Signal
- Monitor/Detection
- Audio Circuits
- Control Circuits
- Initiating Circuits
- Notification Circuits



Shorting Fold

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

### Shielded Multi-conductor (NEC FPLR and CEC CMG FT4)

22 AWG										
5522FL	4	solid	U-1000 1000	U-305 305	19.0 19.0	8.6 8.6	.010	.25	.143	3.63
18 AWG										
5320FL	2	solid	U-500 500 U-1000 1000	U-152 152 U-305 305	11.5 11.0 21.0 21.0	5.2 5.0 9.5 9.5	.010	.25	.155	3.94
5322FL	4	solid	500 U-1000 1000	152 U-305 305	16.5 33.0 36.0	7.5 15.0 16.4	.010	.25	.180	4.57
16 AWG										
5220FL	2	solid	500 1000	152 305	16.5 29.0	7.5 13.2	.010	.25	.178	4.52
5222FL	4	solid	1000	305	52.0	23.6	.010	.25	.205	5.21
14 AWG										
5120FL	2	solid	500 1000	152 305	22.0 43.0	10.0 19.5	.013	.33	.217	5.51
5122FL	4	solid	1000	305	79.0	35.9	.013	.33	.255	6.48
12 AWG										
5020FL	2	solid	1000	305	64.0	29.1	.013	.33	.251	6.38

### Color Code Chart

Cond. No.	Color
1	Black
2	Red
3	Brown
4	Blue



# Fire Alarm Cable

Commercial Applications, Addressable Systems  
Unshielded and Shielded, Power-Limited, Mid-Capacitance



## Unshielded Multi-conductor

FPL Rated

### Product Description

Bare copper conductors, foam polyethylene insulation, cabled together, Red PVC jacket with rip cord. Sequential footage marking every two feet.

**Color Code:** Black, Red.

## Shielded Multi-conductor

FPL Rated

### Product Description

Bare copper conductors, foam polyethylene insulation, cabled together, Beldfoil® shield tape (aluminum side out), Red 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>	FPE
<b>Shield</b> (where applicable)	Beldfoil
<b>Jacket</b>	PVC
<b>Jacket Thickness</b>	.033" (.838mm)
<b>Approvals</b>	
NEC	FPL
California State Fire Marshall	
<b>NEC Articles</b>	760
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	75°C
<b>Nominal Capacitance*</b>	
Unshielded†	13 pF/ft.
Shielded††	20–36 pF/ft.

\*Capacitance between conductors.

†60% lower capacitance than cables on page 13.35

††60% lower capacitance than cables on page 13.36

### Applications

- Addressable Fire Systems
- Data Circuits
- Audio Circuits
- Control Circuits
- Initiating Circuits
- Notification Circuits

### Color Code Chart

Cond. No.	Color
1	Black
2	Red
3	Brown
4	Blue

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

### Unshielded Multi-conductor (NEC FPL)

18 AWG										
5320UJ	2	solid	U-500	U-152	11.5	5.2	.015	.38	.206	5.23
			U-1000	U-305	23.0	10.5				

16 AWG										
5220UJ	2	solid	500	152	16.0	7.3	.015	.38	.230	5.84
			1000	305	31.0	14.1				

### Shielded Multi-conductor (NEC FPL)

18 AWG										
5320FJ	2	solid	U-1000	U-305	27.0	12.3	.015	.38	.211	5.36
			1000	305	27.0	12.3				

5322FJ	4	solid	1000	305	43.0	19.5	.015	.38	.240	6.10
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16 AWG										
5220FJ	2	solid	500	152	18.5	8.4	.015	.38	.235	5.97
			U-1000	U-305	36.0	16.4				
			1000	305	36.0	16.4				

5222FJ	4	solid	1000	305	59.0	26.8	.015	.38	.269	6.83
--------	---	-------	------	-----	------	------	------	-----	------	------

14 AWG										
5120FJ	2	solid	1000	305	49.0	22.3	.020	.51	.279	7.09

12 AWG										
5020FJ	2	solid	1000	305	69.0	31.4	.020	.51	.317	8.05

### Unshielded



### Shielded



Shorting Fold



# Fire Alarm Cable

NPLF Systems

Unshielded and Shielded, Non-Power-Limited Signaling Cable



## Unshielded Multi-conductor

NPLF Rated  
150V Max. Per NEC Article 760  
Indoor (Non-conduit per NEC)

### Product Description

Bare copper conductors, PVC/Nylon insulation, cabled together, Red PVC jacket with rip cord. Sequential footage marking every two feet.

**Color Code:** See chart below.

## Shielded Multi-conductor

NPLF Rated  
150V Max. Per NEC Article 760  
Indoor (Non-conduit per NEC)

### Product Description

Bare copper conductors, PVC/Nylon insulation, cabled together, Beldfoil® shield tape (aluminum side out) plus drain wire, Red 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/Nylon
<b>Insulation Thickness</b>	.021" (.533mm)
<b>Shield (where applicable)</b>	Beldfoil
<b>Jacket</b>	PVC
<b>Approvals</b>	
NEC	NPLF
<b>NEC Articles</b>	760
<b>Voltage Rating</b>	150V
<b>Temperature Rating</b>	75°C

### Applications

- Fire Alarm
- Audio Circuits
- Control Circuits
- Initiating Circuits
- Notification Circuits

### Color Code Chart

Cond. No.	Color
1	Black
2	Red
3	Brown
4	Blue

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 NPLF)

18 AWG										
<b>5320UN</b> <small>(NEW)</small>	2	solid	500	152	17.0	7.7	.037	.94	.239	6.07
			1000	305	31.0	14.1				
<b>5322UN</b> <small>(NEW)</small>	4	solid	500	152	28.0	12.7	.042	1.07	.283	7.19
			1000	305	51.0	23.2				
16 AWG										
<b>5220UN</b> <small>(NEW)</small>	2	solid	500	152	22.0	10.0	.037	.94	.262	6.65
			1000	305	39.0	17.7				
<b>5222UN</b> <small>(NEW)</small>	4	solid	500	152	38.0	17.3	.042	1.07	.311	7.90
			1000	305	71.0	32.3				
14 AWG										
<b>5120UN</b> <small>(NEW)</small>	2	solid	500	152	28.5	13.0	.042	1.07	.299	7.59
			1000	305	53.0	24.1				

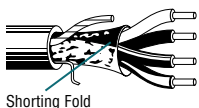
### Shielded Multi-conductor (NEC NPLF)

18 AWG										
<b>5320FN</b> <small>(NEW)</small>	2	solid	500	152	18.5	8.4	.037	.94	.243	6.17
			1000	305	35.0	15.9				
<b>5322FN</b> <small>(NEW)</small>	4	solid	500	152	31.0	14.1	.042	1.07	.287	7.29
			1000	305	57.0	25.9				
16 AWG										
<b>5220FN</b> <small>(NEW)</small>	2	solid	500	152	24.5	11.1	.037	.94	.266	6.76
			1000	305	45.0	20.5				
<b>5222FN</b> <small>(NEW)</small>	4	solid	500	152	40.5	18.4	.042	1.07	.315	8.00
			1000	305	76.0	34.5				
14 AWG										
<b>5120FN</b> <small>(NEW)</small>	2	solid	500	152	32.0	14.5	.042	1.07	.303	7.70
			1000	305	61.0	27.7				
<b>5122FN</b> <small>(NEW)</small>	4	solid	500	152	52.5	23.9	.042	1.07	.348	8.84
			1000	305	102.0	46.4				
12 AWG										
<b>5020FN</b> <small>(NEW)</small>	2	solid	500	152	43.0	19.5	.042	1.07	.337	8.56
			1000	305	83.0	37.7				

### Unshielded



### Shielded



# Fire Alarm Cable

Commercial Applications

Unshielded and Shielded, Plenum-Rated, Power-Limited



## Unshielded or Shielded Multi-conductor FPLP Rated

### Product Description

Bare copper conductors, Flamarrest® insulation, cabled together, Red Flamarrest jacket with rip cord. Shielded version has overall Beldfoil® shield tape (aluminum side out) and drain wire. Sequential footage marking every two feet.

**Color Code:** See chart below.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	Flamarrest
<b>Shield</b> (where applicable)	Beldfoil
<b>Jacket</b>	Flamarrest
<b>Jacket Thickness</b>	.015" (.381mm)
<b>Approvals</b>	FPLP
NEC	
California State Fire Marshall	
<b>NEC Articles</b>	760
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	75°C

### Applications

- Fire Protection
- Alarm
- Signal
- Monitor/Detection
- Audio Circuits
- Control Circuits
- Initiating Circuits
- Notification Circuits

### Unshielded



### Shielded



Shorting Fold

### Color Code Chart

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

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

### Unshielded Multi-conductor (NEC FPLP)

22 AWG										
6522UL	4	solid	U-1000 1000	U-305 305	16.0 16.0	7.3 7.3	.009	.23	.136	3.45
6524UL <small>new</small>	6	solid	U-1000 1000	U-305 305	22.0 22.0	10.0 10.0	.009	.23	.160	4.06
18 AWG										
6320UL	2	solid	U-500 500 U-1000 1000	U-152 152 U-305 305	9.0 9.0 17.0 18.0	4.1 4.1 7.7 8.2	.010	.25	.151	3.84
6321UL <small>new</small>	3	solid	1000	305	28.0	12.7	.010	.25	.160	4.06
6322UL	4	solid	U-1000 1000	U-305 305	32.0 31.0	14.5 14.1	.010	.25	.176	4.47
6324UL	6	solid	U-1000 1000	U-305 305	45.0 46.0	20.5 20.9	.010	.25	.212	5.38
6326UL	8	solid	1000	305	63.0	28.6	.010	.25	.230	5.84
6328UL <small>new</small>	10	solid	U-500 1000	U-152 305	37.0 73.0	16.8 33.2	.010	.25	.272	6.91
16 AWG										
6220UL	2	solid	500 U-1000 1000	152 U-305 305	12.5 25.0 26.0	5.7 11.4 11.8	.010	.25	.172	4.37
6222UL	4	solid	500 1000	152 305	24.5 47.0	11.1 21.4	.010	.25	.201	5.11
14 AWG										
6120UL	2	solid	500 1000	152 305	21.0 38.0	9.5 17.3	.011	.28	.205	5.21
6122UL	4	solid	500 1000	152 305	35.5 74.0	16.1 33.6	.011	.28	.247	6.27
12 AWG										
6020UL	2	solid	500 1000	152 305	27.5 59.0	12.5 26.8	.011	.28	.239	6.07

### Shielded Multi-conductor (NEC FPLP)

18 AWG										
6320FL	2	solid	500 U-1000 1000	152 U-305 305	11.0 22.0 22.0	5.0 10.0 10.0	.010	.25	.158	4.01
6322FL	4	solid	1000	305	36.0	16.4	.010	.25	.120	3.05
16 AWG										
6220FL	2	solid	500 1000	152 305	15.5 31.0	7.0 14.1	.010	.25	.176	4.47
6222FL	4	solid	1000	305	58.0	26.4	.010	.25	.205	5.21
14 AWG										
6120FL	2	solid	500 1000	152 305	23.5 45.0	10.7 20.5	.011	.28	.212	5.38
6122FL	4	solid	500 1000	152 305	42.0 81.0	19.1 36.8	.011	.28	.248	6.30
12 AWG										
6020FL	2	solid	500 1000	152 305	30.5 65.0	13.9 29.5	.011	.28	.246	6.25



# Fire Alarm Cable

Commercial Applications, Addressable Systems  
 Unshielded and Shielded, Plenum-Rated, Power-Limited, Mid-Capacitance



## Unshielded Multi-conductor

FPLP Rated

### Product Description

Bare copper conductors, Halar® insulation, cabled together, Red Flammarrest® jacket with rip cord. Sequential footage marking every two feet.

**Color Code:** Black, Red.

## Shielded Multi-conductor

FPLP Rated

### Product Description

Bare copper conductors, Halar insulation, cabled together, Beldfoil® shield tape (aluminum side out) with tinned copper drain wire, Red Flammarrest jacket with rip cord. Sequential footage marking every two feet.

**Color Code:** Black, Red.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	Halar
<b>Shield</b> (where applicable)	Beldfoil
<b>Jacket</b>	Flammarrest
<b>Jacket Thickness</b>	.015" (.381mm)
<b>Approvals</b>	
NEC	FPLP
California State Fire Marshall	
<b>NEC Articles</b>	760
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	75°C
<b>Nominal Capacitance*</b>	
Unshielded†	26 pF/ft.
Shielded††	26–31 pF/ft.

\*Capacitance between conductors.

†20% lower capacitance than cables on page 13.39

††60% lower capacitance than cables on page 13.39

### Applications

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

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

### Unshielded Multi-conductor (NEC FPLP)

18 AWG											
6320UJ	2	solid	1000	305	17.0	7.7	.007	.18	.138	3.51	
16 AWG											
6220UJ	2	solid	1000	305	26.0	11.8	.007	.18	.162	4.11	
14 AWG											
6120UJ	2	solid	1000	305	36.0	16.4	.010	.25	.198	5.03	

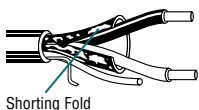
### Shielded Multi-conductor (NEC FPLP)

18 AWG											
6320FK <small>NEW</small>	2	solid	500	152	15.0	6.8	.024	.61	.210	5.33	
			U-1000	U-305	29.0	13.2					
			1000	305	29.0	13.2					
16 AWG											
6220FK <small>NEW</small>	2	solid	500	152	19.5	8.9	.024	.61	.234	5.94	
			1000	305	39.0	17.7					

### Unshielded



### Shielded



Halar is a trademark of the Ausimont Corporation.





# Audio Cable

## Commercial Audio Systems



### Unshielded Multi-conductor

CMR/CMG FT4 Rated or 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>	
22 to 16 AWG	.010" (.254mm)
14 to 12 AWG	.014" (.356mm)
<b>NEC Articles</b>	725
<b>Jacket</b>	PVC
<b>Approvals</b>	
NEC (22 to 16 AWG)	CMR
CEC (22 to 16 AWG)	CMG FT4
NEC (14 to 12 AWG)	CL3R
<b>NEC Articles</b>	
22 to 16 AWG	800
14 to 12 AWG	725
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	75°C

#### Applications

- Intercom/PA Systems
- Sound/Audio Systems

#### Solid Conductor



#### Stranded Conductor



#### Color Code Chart

(22 to 16 AWG)

(14 to 12 AWG)

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

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	U-500	U-152	5.0	2.3	.015	.38	.122	3.10
			U-1000	U-305	9.0	4.1				
			1000	305	9.0	4.1				
5500UE	2	7	U-500	U-152	5.5	2.5	.015	.38	.128	3.25
			500	152	5.5	2.5				
			U-1000	U-305	10.0	4.5				
			1000	305	9.0	4.1				
5501UE	3	7	500	152	6.5	3.0	.015	.38	.135	3.43
			U-1000	U-305	13.0	5.9				
			1000	305	13.0	5.9				
20 AWG										
5400UE	2	7	U-1000	U-305	13.0	5.9	.015	.38	.142	3.61
			1000	305	13.0	5.9				
5401UE	3	7	500	152	9.0	4.1	.015	.38	.150	3.81
			U-1000	U-305	18.0	8.2				
			1000	305	18.0	8.2				
18 AWG										
5320UE	2	solid	U-1000	U-305	17.0	7.7	.015	.38	.151	3.84
5300UE*	2	7	U-500	U-152	9.0	4.1	.015	.38	.161	4.09
			500	152	9.5	4.3				
			U-1000	U-305	18.0	8.2				
5321UE	3	solid	500	152	11.5	5.2	.015	.38	.160	4.06
			U-1000	U-305	23.0	10.5				
			1000	305	23.0	10.5				
5301UE	3	7	U-500	U-152	13.0	5.9	.015	.38	.171	4.34
			500	152	12.5	5.7				
			U-1000	U-305	24.0	10.9				
			1000	305	25.0	11.4				
16 AWG										
5200UE	2	19	U-500	U-152	13.0	5.9	.015	.38	.184	4.67
			500	152	12.5	5.7				
			U-1000	U-305	25.0	11.4				
			1000	305	25.0	11.4				
5201UE	3	19	U-500	U-152	18.0	8.2	.015	.38	.196	4.98
			500	152	18.5	8.4				
			U-1000	U-305	35.0	15.9				
			1000	305	38.0	17.3				

#### Unshielded Multi-conductor (NEC CL3R)

14 AWG										
5100UE	2	19	500	152	19.5	8.9	.015	.38	.234	5.94
			U-1000	U-305	38.0	17.3				
			1000	305	39.0	17.7				
5101UE	3	19	1000	305	56.0	25.5	.015	.38	.249	6.32
12 AWG										
5000UE	2	19	500	152	28.5	13.0	.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

\*5300UE also available in White or Black.



# High Strand Audio Cable

Commercial Audio Systems  
High-Flex and High-Purity



## High Strand Unshielded Multi-conductor

CM, CL3 or CL2 Rated

### Product Description

Bare high-conductivity ETP copper conductors, highly stranded for ultra flexibility, high-grade PVC insulation, PVC jacket with rip cord. Available jacket colors: Blue, Green, White, Black and Gray. Sequential footage marking every two feet.

**Color Code:** See chart below.

### Specifications

<b>Conductor</b>	Bare High-conductivity ETP Copper
<b>Insulation</b>	High-grade PVC
<b>Insulation Thickness</b>	
18 AWG to 16 AWG	.015" (.381mm)
14 AWG to 10 AWG	.020" (.508mm)
<b>Jacket</b>	PVC
<b>Approvals</b>	
NEC (18 AWG & 16 AWG)	CM
NEC (14 AWG & 12 AWG)	CL3
NEC (10 AWG)	CL2, Audio Use Only
<b>Temperature Rating</b>	75°C

### Applications

- Speaker Systems
- Sound/Audio Systems
- Intercom/PA Systems
- Home Theater and Entertainment Systems
- Stadium and Arena Speaker Systems



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

### High Strand Unshielded Multi-conductor (NEC CM, CL3 or CL2)

18 AWG (NEC CM)										
<b>5300UP</b> <small>new</small>	2	42	U-500	U-152	10.5	4.8	.015	.38	.184	4.67
			500	152	12.0	5.5				
			U-1000	U-305	20.0	9.1				
			1000	305	21.0	9.5				
<b>5302UP</b> <small>new</small>	4	42	U-500	U-152	18.0	8.2	.015	.38	.216	5.49
			500	152	20.0	9.1				
			U-1000	U-305	36.0	16.4				
			1000	305	37.0	16.8				
16 AWG (NEC CM)										
<b>5200UP</b> <small>new</small>	2	65	U-500	U-152	14.0	6.4	.015	.38	.208	5.28
			500	152	15.5	7.0				
			U-1000	U-305	27.0	12.3				
			1000	305	28.0	12.7				
<b>5202UP</b> <small>new</small>	4	65	U-500	U-152	25.5	11.6	.015	.38	.244	6.20
			500	152	27.0	12.3				
			U-1000	U-305	51.0	23.2				
			1000	305	51.0	23.2				
14 AWG (NEC CL3)										
<b>5100UP</b> <small>new</small>	2	42	U-500	U-152	21.5	9.8	.015	.38	.260	6.60
			500	152	23.5	10.7				
			U-1000	U-305	42.0	19.1				
			1000	305	43.0	19.5				
<b>5102UP</b> <small>new</small>	4	42	500	152	42.0	19.1	.018	.46	.313	7.95
			1000	305	81.0	36.8				
12 AWG (NEC CL3)										
<b>5000UP</b> <small>new</small>	2	65	U-500	U-152	31.5	14.3	.018	.46	.302	7.67
			500	152	33.5	15.2				
			1000	305	64.0	29.1				
<b>5002UP</b> <small>new</small>	4	65	500	152	61.5	28.0	.018	.46	.357	9.07
			1000	305	121.0	55.0				
10 AWG (NEC CL2 • Audio Use Only)										
<b>5T00UP</b> <small>new</small>	2	65	500	152	44.0	20.0	.026	.66	.356	9.04
			1000	305	87.0	39.5				

For Plenum version of 5T00UP, see 6T00UP on page 13.44.

### Color Code Chart

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



# Audio Cable

## Commercial Audio Systems

### Shielded



**Shielded Multi-conductor**  
CMR/CMG FT4 Rated or CL3R Rated

#### Product Description

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

**Color Code:** See chart below.

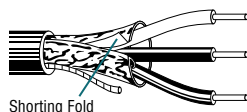
#### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	PVC
<b>Insulation Thickness</b>	
24 to 16 AWG	.010" (.254mm)
14 to 12 AWG	.014" (.356mm)
<b>Shield</b>	Beldfoil
<b>Jacket</b>	PVC
<b>Approvals</b>	
NEC (24 to 16 AWG)	CMR
CEC (24 to 16 AWG)	CMG FT4
NEC (14 to 12 AWG)	CL3R
<b>NEC Articles</b>	
24 to 16 AWG	800
14 to 12 AWG	725
<b>Voltage Rating</b>	300V
<b>Temperature Rating</b>	75°C

#### Applications

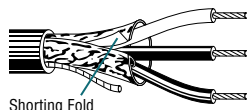
- Intercom/PA Systems
- Sound/Audio Systems

#### Solid Conductor



Shorting Fold

#### Stranded Conductor



Shorting Fold

#### Color Code Chart

(24 to 16 AWG) (14 to 12 AWG)

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

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										
<b>5600FE</b> <small>new</small>	2	7	U-1000 1000	U-305 305	11.0 10.0	5.0 4.5	.015	.38	.120	3.05
22 AWG										
<b>5520FE</b>	2	solid	U-1000 1000	U-305 305	14.0 14.0	6.4 6.4	.015	.38	.125	3.18
<b>5500FE</b>	2	7	U-500 500 U-1000 1000	U-152 152 U-305 305	6.5 6.0 12.0 11.0	3.0 2.7 5.5 5.0	.015	.38	.130	3.30
<b>5521FE</b>	3	solid	U-1000 1000	U-305 305	12.0 12.0	5.5 5.5	.015	.38	.132	3.35
<b>5501FE</b>	3	7	U-500 500 U-1000 1000	U-152 152 U-305 305	8.0 7.5 15.0 15.0	3.6 3.4 6.8 6.8	.015	.38	.138	3.51
20 AWG										
<b>5400FE</b>	2	7	U-500 500 U-1000 1000	U-152 152 U-305 305	8.5 8.0 16.0 16.0	3.9 3.6 7.3 7.3	.015	.38	.145	3.68
<b>5421FE</b>	3	solid	U-1000	U-305	20.0	9.1	.015	.38	.146	3.71
<b>5401FE</b>	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
18 AWG										
<b>5320FE</b>	2	solid	U-1000 1000	U-305 305	21.0 21.0	9.5 9.5	.015	.38	.155	3.94
<b>5300FE</b>	2	7	U-500 500 U-1000 1000	U-152 152 U-305 305	11.5 11.0 22.0 22.0	5.2 5.0 10.0 10.0	.015	.38	.165	4.19
<b>5301FE</b>	3	7	U-500 500 U-1000 1000	U-152 152 U-305 305	15.0 15.0 29.0 30.0	6.8 6.8 13.2 13.6	.015	.38	.175	4.45
16 AWG										
<b>5200FE</b>	2	19	U-500 500 U-1000 1000	U-152 152 U-305 305	16.5 18.0 32.0 32.0	7.5 8.2 14.5 14.5	.015	.38	.188	4.78
<b>5201FE</b>	3	19	500 U-1000 1000	152 U-305 305	22.0 43.0 42.0	10.0 19.5 19.1	.015	.38	.200	5.08
Shielded Multi-conductor (NEC CL3R)										
14 AWG										
<b>5100FE</b>	2	19	500 U-1000 1000	152 U-305 305	28.0 48.0 53.0	12.7 21.8 24.1	.015	.38	.238	6.05
<b>5101FE</b>	3	19	1000	305	66.0	30.0	.015	.38	.253	6.43
12 AWG										
<b>5000FE</b>	2	19	500 1000	152 305	36.5 67.0	16.6 30.5	.015	.38	.272	6.91



# Audio Cable

Commercial Audio Systems  
Plenum-Rated



## Unshielded Multi-conductor

CMP FT6 Rated or CL2P Rated

### Product Description

Bare copper conductors, Flamarrest® insulation, conductors cabled, 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>	
22 to 16 AWG	.009" (.229mm)
14 to 10 AWG	.011" (.279mm)
<b>Jacket</b>	Flamarrest
<b>Approvals</b>	
NEC (22 to 16 AWG)	CMP
CEC (22 to 16 AWG)	CMP FT6
NEC (14 to 10 AWG)	CL2P
<b>NEC Articles</b>	
22 to 16 AWG	800
14 to 10 AWG	725
<b>Voltage Rating</b>	
22 to 16 AWG	300V
14 to 10 AWG	150V
<b>Temperature Rating</b>	75°C

### Applications

- Intercom/PA Systems
- Sound/Audio Systems

### Solid Conductor



### Stranded Conductor



### Color Code Chart

(22 to 16 AWG)

(14 to 10 AWG)

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

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	U-500 U-1000 1000	U-152 U-305 305	5.5 10.0 10.0	2.5 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
20 AWG										
6400UE	2	7	500 U-1000 1000	152 U-305 305	7.0 13.0 14.0	3.2 5.9 6.4	.015	.38	.138	3.51
6401UE	3	7	U-1000 1000	U-305 305	18.0 18.0	8.2 8.2	.015	.38	.146	3.71
18 AWG										
6320UE	2	solid	U-1000	U-305	17.0	7.7	.015	.38	.147	3.73
6300UE	2	7	U-500 500 U-1000 1000	U-152 152 U-305 305	9.5 9.0 18.0 18.0	4.3 4.1 8.2 8.2	.015	.38	.157	3.99
6321UE	3	solid	500 U-1000 1000	152 U-305 305	12.0 24.0 24.0	5.5 10.9 10.9	.015	.38	.156	3.96
6301UE	3	7	U-500 500 U-1000 1000	U-152 152 U-305 305	13.0 12.5 25.0 25.0	5.9 5.7 11.4 11.4	.015	.38	.168	4.27
16 AWG										
6200UE	2	19	500 U-1000 1000	152 U-305 305	13.0 26.0 26.0	5.9 11.8 11.8	.015	.38	.180	4.57
6201UE	3	19	500 U-1000 1000	152 U-305 305	18.0 36.0 38.0	8.2 16.4 17.3	.015	.38	.191	4.85

### Unshielded Multi-conductor (NEC CL2P)

14 AWG										
6100UE	2	19	500 U-1000 1000	152 U-305 305	20.0 39.0 40.0	9.1 17.7 18.2	.015	.38	.222	5.64
6101UE	3	19	1000	305	60.0	27.3	.015	.38	.236	5.99
12 AWG										
6000UE	2	19	500 1000	152 305	32.0 58.0	14.5 26.4	.015	.38	.256	6.50
6001UE	3	19	1000	305	83.0	37.7	.015	.38	.273	6.93
10 AWG (For Audio Use Only)										
6T00UP	2	65	1000	305	83.0	37.8	.015	.38	.308	7.82



# Audio Cable

Commercial Audio Systems  
Shielded, Plenum-Rated



## Shielded Multi-conductor CMP FT6 Rated or CL2P Rated

### Product Description

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

**Color Code:** See chart below.

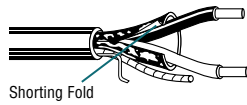
### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	Flamarrest
<b>Insulation Thickness</b>	
22 to 16 AWG	.009" (.229mm)
14 to 12 AWG	.011" (.279mm)
<b>Shield</b>	Beldfoil
<b>Jacket</b>	Flamarrest
<b>Approvals</b>	
NEC (22 to 16 AWG)	CMP
CEC (22 to 16 AWG)	CMP FT6
NEC (14 to 12 AWG)	CL2P
<b>NEC Articles</b>	
22 to 16 AWG	800
14 to 12 AWG	725
<b>Voltage Rating</b>	
22 to 16 AWG	300V
14 to 12 AWG	150V
<b>Temperature Rating</b>	75°C

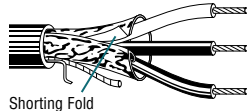
### Applications

- Intercom/PA Systems
- Sound/Audio Systems

#### Solid Conductor



#### Stranded Conductor



### Color Code Chart

(22 to 16 AWG)		(14 to 12 AWG)	
Cond. No.	Color	Cond. No.	Color
1	Black	1	Black
2	Red	2	White
3	White	3	Red

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	U-1000 1000	U-305 305	13.0 13.0	5.9 5.9	.015	.38	.125	3.18
6500FE	2	7	U-500 500 U-1000 1000	U-152 152 U-305 305	7.0 7.0 13.0 13.0	3.2 3.2 5.9 5.9	.015	.38	.132	3.35
6521FE	3	solid	1000	305	17.0	7.7	.015	.38	.132	3.35
6501FE	3	7	500 U-1000 1000	152 U-305 305	8.0 16.0 16.0	3.6 7.3 7.3	.015	.38	.140	3.56
20 AWG										
6420FE	2	solid	U-1000 1000	U-305 305	16.0 15.0	7.3 6.8	.015	.38	.137	3.48
6400FE	2	7	U-1000 1000	U-305 305	17.0 17.0	7.7 7.7	.015	.38	.145	3.68
6401FE	3	7	U-1000 1000	U-305 305	22.0 22.0	10.0 10.0	.015	.38	.153	3.89
18 AWG										
6320FE	2	solid	1000	305	22.0	10.0	.015	.38	.153	3.89
6300FE	2	7	U-500 500 U-1000 1000	U-152 152 U-305 305	12.0 12.0 23.0 23.0	5.5 5.5 10.5 10.5	.015	.38	.162	4.11
6301FE	3	7	U-500 U-1000 1000	U-152 U-305 305	15.5 30.0 30.0	7.0 13.6 13.6	.015	.38	.175	4.45
16 AWG										
6200FE	2	19	500 1000	152 305	16.5 33.0	7.5 15.0	.015	.38	.187	4.75
6201FE	3	19	500 U-1000 1000	152 U-305 305	22.5 44.0 45.0	10.2 20.0 20.5	.015	.38	.198	5.03
Shielded Multi-conductor (NEC CL2P)										
14 AWG										
6100FE	2	19	500 U-1000 1000	152 U-305 305	26.0 49.0 54.0	11.8 22.3 24.5	.015	.38	.229	5.82
6101FE	3	19	1000	305	70.0	31.8	.015	.38	.243	6.17
12 AWG										
6000FE	2	19	500 1000	152 305	36.0 68.0	16.4 30.9	.015	.38	.263	6.68



# Audio Cable

Pro Audio and Intercom Systems  
Shielded, Plenum-Rated



## Shielded Multi-conductor

CMP FT6 Rated

### Product Description

Bare copper conductors, Halar® insulation, cabled with a Beldfoil® shield tape and drain wire. Natural Flammarrest® jacket.

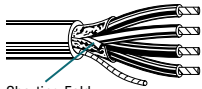
**Color Code:** See chart below.

### Specifications

<b>Conductor</b>	Bare Copper
<b>Insulation</b>	Halar
<b>Insulation Thickness</b>	
22 AWG	.0055" (.140mm)
20 AWG	.0060" (.152mm)
18 AWG	.0065" (.165mm)
<b>Shield</b>	Beldfoil
<b>Jacket</b>	Flammarrest
<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

- Pro Audio
- Intercom/PA Systems
- Security Systems



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)

22 AWG										
<b>6500FC</b>	2	7	U-1000 1000	U-305 305	11.0 11.0	5.0 5.0	.015	.38	.116	2.95
<b>6502FC</b>	4	7	U-1000	U-305	17.0	7.7	.015	.38	.133	3.38
<small>NEW</small>										
20 AWG										
<b>6400FC</b>	2	7	U-1000	U-305	15.0	6.8	.015	.38	.130	3.30
<small>NEW</small>										
18 AWG										
<b>6300FC</b>	2	7	U-1000 1000	U-305 305	21.0 21.0	9.5 9.5	.015	.38	.152	3.86
<b>6302FC</b>	4	7	U-1000 1000	U-305 305	34.0 35.0	15.5 15.9	.015	.38	.176	4.47

### Color Code Chart

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

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