

Security and Alarm Cable

Commercial Applications

Shielded



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

Product Description

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

Color Code: See chart below.

Specifications

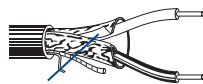
Conductor	Bare Copper
Insulation	PVC
Insulation Thickness	
18 to 16 AWG	.010" (.254mm)
14 to 12 AWG	.014" (.356mm)
Shield	Beldfoil
Jacket	PVC
Approvals	
NEC (18 to 16 AWG)	CMR FPLR†
CEC (18 to 16 AWG)	CMG FT4
NEC (14 to 12 AWG)	CL3R
NEC Articles	
18 to 16 AWG	800
14 to 12 AWG	725
Voltage Rating	300V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

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

Applications

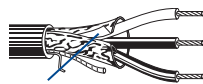
- Security Systems
- Intercom/PA Systems
- Sound/Audio Systems
- Power-Limited Controls
- Fire Alarm Systems (Red Only) Dual Rated†

Solid Conductor



Shorting Fold

Stranded Conductor



Shorting Fold

Color Code Chart (18 to 16 AWG)

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

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

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

18 AWG										
5320FE	2	solid	C-500	C-152	10.0	4.6	.015	.38	.155	3.94
			U-1000	U-305	21.0	9.5				
			1000	305	21.0	9.5				
5300FE	2	7	C-500	C-152	11.0	5.0	.015	.38	.165	4.19
			U-500	U-152	12.0	5.5				
			500	152	12.0	5.5				
			U-1000	U-305	23.0	10.4				
1000	305	23.0	10.4							
5301FE	3	7	U-500	U-152	15.5	7.0	.015	.38	.175	4.45
			500	152	15.0	6.8				
			U-1000	U-305	30.0	13.6				
1000	305	30.0	13.6							
5302FE	4	7	C-250	C-76	8.8	4.0	.015	.38	.192	4.88
			U-500	U-152	19.0	8.6				
			500	152	20.5	9.3				
			U-1000	U-305	36.0	16.3				
1000	305	37.0	16.8							
5303FE	5	7	U-500	U-152	22.5	10.2	.015	.38	.211	5.36
			500	152	22.5	10.2				
			U-1000	U-305	43.0	19.5				
1000	305	45.0	20.5							
5304FE	6	7	U-500	U-152	28.5	12.9	.015	.38	.230	5.84
			500	152	26.0	11.8				
			1000	305	57.0	25.9				
5305FE	7	7	1000	305	57.0	25.9	.015	.38	.230	5.84
5306FE*	8	7	500	152	32.0	14.5	.015	.38	.270	6.86
			1000	305	64.0	29.1				
5307FE	9	7	1000	305	71.0	32.3	.015	.38	.272	6.91
16 AWG										
5200FE**	2	19	U-500	U-152	16.5	7.5	.015	.38	.188	4.78
			500	152	16.5	7.5				
			U-1000	U-305	31.0	14.1				
1000	305	32.0	14.5							
5201FE	3	19	500	152	21.5	9.8	.015	.38	.200	5.08
			U-1000	U-305	42.0	19.1				
			1000	305	42.0	19.1				
5202FE	4	19	500	152	26.5	12.0	.015	.38	.220	5.59
			500	152	26.5	12.0				
			1000	305	54.0	24.5				

Shielded Multi-conductor (NEC CL3R)

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

* 5306FE also available in Natural.

** 5200FE also available in White.

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

(14 to 12 AWG)

Cond. No.	Color
1	Black
2	White
3	Red