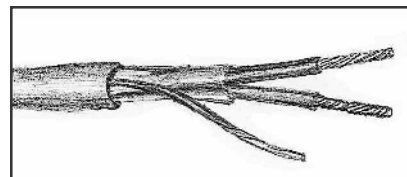


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COMMUNICATION AND CONTROL CABLE

Multi-Conductor Foil Shield

NEC Type CL2 and CM, CSA PCC

Application: For use in recording studios and sound stages, broadcast and sound systems, computers, and industrial equipment control. Suggested voltage rating is 300 or 600 volts.

Specifications: • **Conductor:** Fully annealed solid or stranded tinned copper per ASTM B-33, size 24 - 12 AWG

• **Insulation:** Premium grade color coded polyethylene or Premium grade color coded polypropylene

• **Shield:** 100% foil aluminum/polyester, 25% overlap, foil facing out with stranded tinned copper drain wire.

• **Jacket:** PVC, gray with temperature range of -20°C to +75°C • Excellent electrical properties and superior shielding effectiveness

• 25% shield overlap provides excellent shielding efficiency • good flexibility • UL Styles 2092, 2093 and 2094

(UL: 60°C, 300V) • UL Style 2464 (UL: 80°C, 300V) • UL Styles 2106 and 2107 (UL: 60°C, 600V) • NEC Article 725 Type CL2 and

NEC Article 800 Type CM (UL: 75°C) • CSA PCC

(CSA: 60°C) • Passes UL 70,000 Btu Verticle Tray

Flame Test and CSA FT1 Flame Test

• **Packaging:** Custom cut reels

Color Code Chart 1:		Color Code Chart 2:	
No. Conductors	Color	No. Conductors	Color
1	Black	1	Black
2	Natural	2	Red
3	Red	3	Clear
4	Green		

Catalog No.	Belden Catalog No.	Carol Catalog No.	No. Conductors	Size AWG	Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Overall Diameter		Nominal Capacitance pF/ft	
						Inches	mm	Inches	mm	Inches	mm	A	B
UL Style 2092 CM, CSA PCC 300V						Color Code Chart 1							
P01H2	8641	C2513	2	24	7/32	.016	.41	.026	.66	.167	4.24	23.0	42.0
P02H2	8761	C2514	2	22	7/30	.016	.41	.026	.66	.179	4.55	26.0	47.0
P03H2	8762	C2524	2	20	7/28	.016	.41	.030	.76	.203	5.16	31.0	56.0
P04H2	8760	C2534	2	18	16/30	.018	.46	.030	.76	.233	5.92	24.0	43.0
UL Style 2093 CM, CSA PCC 300V						Color Code Chart 1							
P05H2	8771	C2526	3	22	7/30	.016	.41	.030	.76	.196	4.98	25.0	45.0
P06H2	8772	C2528	3	20	7/28	.016	.41	.030	.76	.210	5.34	27.0	51.0
P07H2	--	C2525	3	20	7/28	.016	.41	.030	.76	.213	5.41	29.0	52.0
P08H2	8770	C2535	3	18	16/30	.018	.46	.030	.76	.247	6.27	22.0	40.0
UL Style 2094 CM, CSA PCC 300V						Color Code Chart 1							
P09H2	--	C2523	4	22	7/30	.016	.41	.030	.76	.213	5.41	23.0	42.0
P10H2	--	C2555	4	20	7/28	.016	.41	.030	.76	.234	5.94	26.0	47.0
UL Style 2106 CSA PCC 600V						Color Code Chart 1 (* CL2)							
P11H2	8719	C2536	2	16	19/0117	.032	.81	.032	.81	.302	7.67	27.0	49.0
P12H2	8720	C2538*	2	14	19/0147	.032	.81	.032	.81	.335	8.51	31.0	56.0
P13H2	8718	C2539*	2	12	19/0185	.032	.81	.040	1.02	.376	9.55	35.0	63.0
UL Style 2107 CM, CSA PCC 600V						Color Code Chart 1							
P14H2	8618	C2537	3	16	19/0117	.032	.81	.032	.81	.326	8.28	26.0	46.0
UL Style 2464 CM/CL2 CSA PCC 300V PVC Insulation						Color Code Chart 2							
P15H2	--	C2540	2	20	7/28	.012	.30	.025	.64	.180	4.57	59.0	110.0
CM, CSA PCC 300V						Polypropylene Insulation		Color Code Chart 2					
P16H2	--	C2515	2	22	Solid	.007	.18	.020	.51	.124	3.15	40.0	76.0
P17H2	--	C2516	2	22	7/30	.008	.20	.020	.51	.137	3.48	34.0	67.0
P18H2	--	C2517	3	22	7/30	.008	.20	.020	.51	.144	3.66	32.0	60.0

A - Capacitance between conductors

B - Capacitance between one conductor and other conductors connected to shield

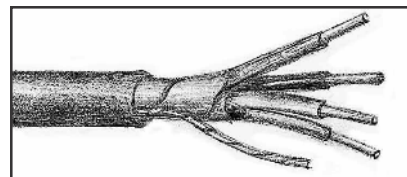
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COMMUNICATION AND CONTROL CABLE

Multi-Conductor Foil Shield

UL 2464, NEC Type CM, CSA PCC

Application: For use in audio, broadcast, instrumentation and sound systems. Suggested voltage rating of 300 volts.

Specifications:

- **Conductor:** Fully annealed stranded tinned copper per ASTM B-33 size 18AWG
- **Insulation:** Premium grade color coded S-R PVC
- **Shield:** 100% foil aluminum/polyester, 25% overlap, foil facing out with stranded tinned copper drain wire.
- **Jacket:** PVC, gray with temperature range of -20°C to +80°C
- NEC Article 800 Type CM (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- CSA PCC (60°C)
- Passes UL 70,000 Btu Vertical Tray Flame Test and CSA FT4 Flame Test.

Color Code Chart 1:	
No. Conductors	Color
1	Black
2	Red
3	White
4	Green

Catalog No.	Belden Catalog No.	Carol Catalog No.	No. Conductors	Size AWG	Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Overall Diameter		Nominal Capacitance pF/ft	
						Inches	mm	Inches	mm	Inches	mm	A	B
P010H3	9418	C2543	4	18	19/30	.010	.25	.032	.81	.238	6.05	50	90

A - Capacitance between conductors

B - Capacitance between one conductor and other conductors connected to shield

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COMMUNICATION AND CONTROL CABLE

Multi-Paired Individually Shielded

UL 2835, NEC Type CM, CSA PCC

Application: For use where total isolation of signal is required, computers, control circuits, and industrial equipment. Suggested voltage rating of 300 volts.

Specifications: **Conductor:** Fully annealed stranded tinned copper per ASTM B-33 size 22AWG, twisted pairs
• **Insulation:** Premium grade color coded polypropylene • **Shield:** Individually shielded pairs, 100% foil aluminum/polyester, 25% overlap, foil facing out with stranded tinned copper drain wire. • **Jacket:** PVC, gray with temperature range of -20°C to +75°C
• Excellent high frequency properties and mechanical durability • NEC Article 800 Type CM (UL: 75°C, 300V) • UL Style 2835 (UL: 60°C, 300V) • CSA PCC (60°C) • Passes UL 70,000 Btu Vertical Tray Flame Test and CSA FT1 Flame Test.

Color Code Chart 1:

No. Pairs	Color
1	Black, Red
2	White, Green

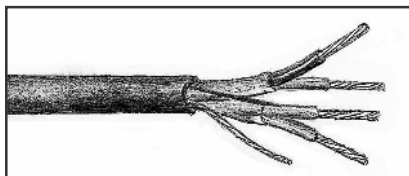
Catalog No.	Belden Catalog No.	Carol Catalog No.	No. Pairs	Size AWG	Conductor Stranding	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Overall Diameter		Nominal Capacitance pF/ft	
						Inches	mm	Inches	mm	Inches	mm	A	B
NEC Type CM - CSA PCC FT1													
P01H4	8723	C1352	2	22	7/30	.008	.20	.020	.51	.165	4.19	35.0	63.0
NEC Type CM UL Style 2835 CSA PCC FT1													
P02H4*	8728*	C1353*	2	22	7/30	.010	.25	.028	.71	.208	5.28	35.0	63.0

* Individually shielded with overall shield

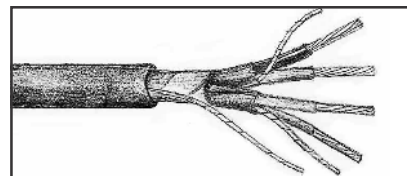
A - Capacitance between conductors

B - Capacitance between one conductor and other conductors connected to shield

P01H4



P02H4



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