

CONCORD, NC 28027

PHONE/FAX: 704-784-4225/0255

SALES@ABLEWIRE-CABLE.COM

SALES@GROUNDSTRAPS.COM

MULTI-CONDUCTOR FOIL SHIELD

UL 2464 NEC Type CM CSA PCC

Catalog No.	No. of Cond.	Awg Size	Cond. Strand.	Nom. Insulation Thickness		Nom. Jacket Thickness		Nominal O.D.		Nominal DCR Ohms/M @ 20° C		Nom. Cap. pF/ft	
				Inches	mm	Inches	mm	Inches	mm	COND	SHLD	A	B
COLOR CODE CHART 1													
C740	2	24	7/32	0.010	0.25	0.032	0.81	0.157	3.99	26	18	33	59.40
C741	3	24	7/32	0.010	0.25	0.032	0.81	0.164	4.17	26	18	33	59.40
C742	4	24	7/32	0.010	0.25	0.032	0.81	0.175	4.45	26	18	33	59.40
C753	5	24	7/32	0.010	0.25	0.032	0.81	0.188	4.78	26	16	33	59.40
C743	6	24	7/32	0.010	0.25	0.032	0.81	0.201	5.11	26	16	33	59.40
C754	7	24	7/32	0.010	0.25	0.032	0.81	0.210	5.11	26	16	33	59.40
C744	8	24	7/32	0.010	0.25	0.032	0.81	0.215	5.46	26	16	33	59.40
C755	9	24	7/32	0.010	0.25	0.032	0.81	0.228	5.79	26	16	30	59.40
C745	10	24	7/32	0.010	0.25	0.032	0.81	0.245	6.22	26	14	30	59.40
COLOR CODE CHART 2													
C746	15	24	7/32	0.010	0.25	0.032	0.81	0.276	7.01	26	14	30	59.40
C747	20	24	7/32	0.010	0.25	0.032	0.81	0.303	7.70	26	14	30	59.40
C748	25	24	7/32	0.010	0.25	0.032	0.81	0.333	8.46	26	12	30	59.40
C749	30	24	7/32	0.010	0.25	0.032	0.81	0.351	8.92	26	12	30	59.40
C750	40	24	7/32	0.010	0.25	0.032	0.81	0.391	9.93	26	12	30	59.40
C751	50	24	7/32	0.010	0.25	0.032	0.81	0.439	11.15	26	10	30	59.40
A - Capacitance between conductors													
B - Capacitance between one conductor and other conductors connected to shield.													

Catalog No.	No. of Cond.	Awg Size	Cond. Strand.	Nom. Insulation Thickness		Nom. Jacket Thickness		Nominal O.D.		Nominal DCR Ohms/M @ 20 C		Nom. Cap. pF/ft	
				Inches	mm	Inches	mm	Inches	mm	COND	SHLD	A	B
COLOR CODE CHART 2													
C0760	2	22	7/30	0.010	0.25	0.032	0.81	0.169	4.29	15.00	13.00	36.00	65.00
C0781	3	22	7/30	0.010	0.25	0.032	0.81	0.177	4.50	15.00	13.00	36.00	65.00
C0762	4	22	7/30	0.010	0.25	0.032	0.81	0.190	4.83	15.00	12.00	36.00	65.00
C0763	6	22	7/30	0.010	0.25	0.032	0.81	0.219	5.56	15.00	12.00	34.00	61.00
C0764	8	22	7/30	0.010	0.25	0.032	0.81	0.235	5.97	15.00	10.70	34.00	61.00
C0765	10	22	7/30	0.010	0.25	0.032	0~81	0.269	6.83	15.00	10.70	34.00	61.00
C0766	15	22	7/30	0.010	0.25	0.032	0.81	0.304	7.72	15.00	10.70	34.00	81.00
C0767	20	22	7/30	0.010	0.25	0.032	0.81	0.335	8.51	15.00	9.10	34.00	61.00
C0768	25	22	7/30	0.010	0.25	0.032	0.81	0.369	9.37	15.00	9.10	34.00	61.00
C0780	2	20	7/28	0.015	0.38	0.032	0.81	0.207	5.26	11.00	12.00	39.00	70.00
C0781	3	20	7/28	0.015	0.38	0.032	0.81	0.217	5.51	11.00	12.00	39.00	70.00
C0782	4	20	7/28	0.015	0.38	0.032	0.81	0.236	5.99	11.00	9.10	39.00	70.00
C0783	6	20	7/28	0.015	0.38	0.032	0.81	0.276	7.01	11.00	9.10	37.00	66.00
C0784	8	20	7/28	0.015	0.38	0.032	0.81	0.297	7.54	11.00	9.10	37.00	66.00
C0785	10	20	7/28	0.015	0.38	0.032	0.81	0.345	8.76	11.00	7.90	37.00	66.00
C0786	15	20	7/28	0.015	0.38	0.032	0.81	0.393	9.98	11.00	7.90	37.00	66.00
C0787	20	20	7/28	0.015	0.38	0.032	0.81	0.435	11.05	11.00	7.10	37.00	66.00
A - Capacitance between conductors													
B - Capacitance between one conductor and other conductors connected to shield.													
C - Conductor													
D - Shield.													

COLOR CODE CHART 1

NO. OF CONDUCTORS	COLOR	NO. OF CONDUCTORS	COLOR
1	Black	7	Orange
2	White	8	Yellow
3	Red	9	Violet
4	Green	10	Gray
5	Brown	11	Pink
6	Blue	12	Tan

COLOR CODE CHART 2

NO.OF CONDUCTORS	COLOR	NO.OF CONDUCTORS	COLOR
1	Black	14	Green/White
2	White	15	Blue/White
3	Red	16	Black/Red
4	Green	17	White/Red
5	Orange	18	Orange/Red
6	Blue	19	Blue/Red
7	White/Black	20	Red/Green
8	Red/Black	21	Orange/Green
9	Green/Black	22	Black/White/Red
10	Orange/Black	23	White/Black Red
11	Blue/Black	24	Red/Black/White
12	Black/White	25	Green/Black/White
13	Red/White		



Product Construction:

Conductor:

- 24, 22, or 20 AWG fully annealed stranded tinned copper per ASTM B-33

Insulation:

- Premium grade color coded semi-rigid PVC per UL 1061

Shield:

- 100% Flexfoil® aluminum/polyester, 25% overlap, foil facing out
- Stranded tinned copper drain wire

Jacket:

- PVC, gray
- Temperature Range -20°C to +60°C
- Voltage Rating: 300 Volts

Applications:

- Computer interconnections
- Data transmission
- Control circuits
- Industrial equipment control
- Suitable for EIA RS-232 applications

Features:

- Heavy duty jacket for superior abrasion resistance

Compliances:

- NEC Article 800 Type CM (UL 75°C)
- UL Style 2464 (UL 80°C, 300V)
- Passes UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA FT1 Flame Test
- OSHA acceptable

