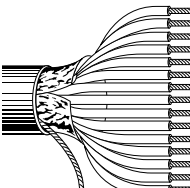


Overall Beldfoil® Shield

Computer Cables for EIA RS-232 Applications

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Nominal Capacitance				
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	pF/ Ft.	pF/ m	pF/ Ft.	pF/ m	
24 AWG Stranded (7x32) • Tinned Copper • Conductors Cabled • Overall 100% Beldfoil Shield • 24 AWG Stranded TC Drain Wire																			
Semi-rigid PVC Insulation • Chrome PVC Jacket																			
	9533	NEC:	3	See Chart 1 (Tech Info Section)	100	30.5	2.7	1.2	.010	.25	.032	.81	.162	4.11	33	108	65	213	
		CMG			U-500	U-152.4	9.0	4.1											
		CEC:			500	152.4	9.0	4.1											
		CMG FT4			U-1000	U-304.8	17.0	7.7											
					1000	304.8	18.0	8.2											
	9534	NEC:	4	See Chart 1 (Tech Info Section)	100	30.5	3.0	1.4	.010	.25	.032	.81	.184	4.67	33	108	65	213	
		CMG			U-500	U-152.4	11.0	5.0											
		CEC:			500	152.4	11.5	5.2											
		CMG FT4			U-1000	U-304.8	21.0	9.5											
					1000	304.8	22.0	10.0											
	9535	NEC:	5	See Chart 1 (Tech Info Section)	100	30.5	3.2	1.5	.010	.25	.032	.81	.189	4.80	33	108	65	213	
		CMG			U-500	U-152.4	12.0	5.5											
		CEC:			500	152.4	12.5	5.7											
		CMG FT4			U-1000	U-304.8	23.0	10.5											
					1000	304.8	24.0	10.9											
	9536	NEC:	6	See Chart 1 (Tech Info Section)	100	30.5	3.6	1.6	.010	.25	.032	.81	.209	5.31	33	108	65	213	
		CMG			U-500	U-152.4	14.5	6.6											
		CEC:			500	152.4	14.5	6.6											
		CMG FT4			U-1000	U-304.8	28.0	12.7											
				1000	304.8	28.0	12.7												
9537	NEC:	7	See Chart 1 (Tech Info Section)	100	30.5	3.8	1.7	.010	.25	.032	.81	.209	5.31	33	108	65	213		
	CMG			U-500	U-152.4	15.0	6.8												
	CEC:			500	152.4	15.5	7.0												
	CMG FT4			U-1000	U-304.8	30.0	13.6												
				1000	304.8	30.0	13.6												
9538	NEC:	8	See Chart 1 (Tech Info Section)	100	30.5	4.3	2.0	.010	.25	.032	.81	.224	5.69	33	108	65	213		
	CMG			U-500	U-152.4	17.0	7.7												
	CEC:			500	152.4	17.0	7.7												
	CMG FT4			U-1000	U-304.8	33.0	15.0												
				1000	304.8	33.0	15.0												
9539	NEC:	9	See Chart 1 (Tech Info Section)	100	30.5	5.0	2.3	.010	.25	.032	.81	.244	6.20	30	98	55	180		
	CMG			U-500	U-152.4	20.0	9.1												
	CEC:			500	152.4	20.5	9.3												
	CMG FT4			U-1000	U-304.8	40.0	18.2												
				1000	304.8	40.0	18.2												
9540	NEC:	10	See Chart 1 (Tech Info Section)	100	30.5	4.9	2.2	.010	.25	.032	.81	.244	6.19	30	98	55	180		
	CMG			U-500	U-152.4	19.5	8.9												
	CEC:			500	152.4	20.0	9.1												
	CMG FT4			U-1000	U-304.8	39.0	17.7												
				1000	304.8	42.0	19.1												
9541	NEC:	15	See Chart 2R (Tech Info Section)	100	30.5	6.4	2.9	.010	.25	.032	.81	.284	7.21	30	98	55	180		
	CMG			U-500	U-152.4	27.0	12.3												
	CEC:			500	152.4	27.0	12.3												
	CMG FT4			U-1000	U-304.8	53.0	24.1												
				1000	304.8	53.0	24.1												
9542	NEC:	20	See Chart 2R (Tech Info Section)	100	30.5	7.2	3.3	.010	.25	.032	.81	.314	7.98	30	98	55	180		
	CMG			U-500	U-152.4	34.5	15.7												
	CEC:			500	152.4	34.0	15.5												
	CMG FT4			1000	304.8	69.0	31.4												
9543	NEC:	25	See Chart 2R (Tech Info Section)	100	30.5	8.7	4.0	.010	.25	.032	.81	.339	8.61	30	98	55	180		
	CMG			500	152.4	44.0	20.0												
	CEC:			1000	304.8	86.0	39.1												
	CMG FT4																		
9544	NEC:	30	See Chart 2R (Tech Info Section)	100	30.5	10.3	4.7	.010	.25	.040	1.02	.380	9.65	30	98	55	180		
	CMG			500	152.4	51.5	23.4												
	CEC:			1000	304.8	102.0	46.4												
	CMG FT4																		
9545	NEC:	40	See Chart 2R (Tech Info Section)	100	30.5	13.6	6.2	.010	.25	.040	1.02	.430	10.92	30	98	55	180		
	CMG			500	152.4	65.0	29.5												
	CEC:			1000	304.8	130.0	59.1												
	CMG FT4																		
9546	NEC:	50	See Chart 2R (Tech Info Section)	100	30.5	16.5	7.5	.010	.25	.045	1.14	.490	12.45	30	98	55	180		
	CMG			500	152.4	81.5	37.0												
	CEC:			1000	304.8	168.0	76.4												
	CMG FT4																		



TC = Tinned Copper

*Capacitance between conductors. **Capacitance between one conductor and other conductors connected to shield.

Belden® Color Code Charts

Color Code Chart No. 1

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

18 Gage conductors in cables 8446 through 8449 are Black and White.

Color Code Chart Nos. 2 and 2R — ICEA (Insulated Cable Engineers Association) Standard*

Cond. No.	Color	Cond. No.	Color	Cond. No.	Color	Cond. No.	Color
1	Black	14	Green/White Stripe	27	Blue/Black/White	40	Red/White/Green
2	White	15	Blue/White Stripe	28	Black/Red/Green	41	Green/White/Blue
3	Red	16	Black/Red Stripe	29	White/Red/Green	42	Orange/Red/Green
4	Green	17	White/Red Stripe	30	Red/Black/Green	43	Blue/Red/Green
5	Orange	18	Orange/Red Stripe	31	Green/Black/Orange	44	Black/White/Blue
6	Blue	19	Blue/Red Stripe	32	Orange/Black/Green	45	White/Black/Blue
7	White/Black Stripe	20	Red/Green Stripe	33	Blue/White/Orange	46	Red/White/Blue
8	Red/Black Stripe	21	Orange/Green Stripe	34	Black/White/Orange	47	Green/Orange/Red
9	Green/Black Stripe	22	Black/White/Red	35	White/Red/Orange	48	Orange/Red/Blue
10	Orange/Black Stripe	23	White/Black/Red	36	Orange/White/Blue	49	Blue/Orange/Red
11	Blue/Black Stripe	24	Red/Black/White	37	White/Red/Blue	50	Black/Orange/Red
12	Black/White Stripe	25	Green/Black/White	38	Black/White/Green	* 2 = Spiral Stripe 2R = Ring Band Striping	
13	Red/White Stripe	26	Orange/Black/White	39	White/Black/Green		

* 2 = Spiral Stripe
2R = Ring Band Striping

Color Code Chart No. 3 for Paired Cables (Belden Standard)

Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	Black & Red	11	Red & Yellow	21	White & Brown	31	Purple & White
2	Black & White	12	Red & Brown	22	White & Orange	32	Purple & Dark Green
3	Black & Green	13	Red & Orange	23	Blue & Yellow	33	Purple & Light Blue
4	Black & Blue	14	Green & White	24	Blue & Brown	34	Purple & Yellow
5	Black & Yellow	15	Green & Blue	25	Blue & Orange	35	Purple & Brown
6	Black & Brown	16	Green & Yellow	26	Brown & Yellow	36	Purple & Black
7	Black & Orange	17	Green & Brown	27	Brown & Orange	37	Gray & White
8	Red & White	18	Green & Orange	28	Orange & Yellow		
9	Red & Green	19	White & Blue	29	Purple & Orange		
10	Red & Blue	20	White & Yellow	30	Purple & Red		

Color Code Chart No. 4 for Paired Cables

Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	White & Blue	6	Red & Blue	11	Black & Blue	16	Yellow & Blue	21	Violet & Blue
2	White & Orange	7	Red & Orange	12	Black & Orange	17	Yellow & Orange	22	Violet & Orange
3	White & Green	8	Red & Green	13	Black & Green	18	Yellow & Green	23	Violet & Green
4	White & Brown	9	Red & Brown	14	Black & Brown	19	Yellow & Brown	24	Violet & Brown
5	White & Gray	10	Red & Gray	15	Black & Gray	20	Yellow & Gray	25	Violet & Gray

Color Code Chart No. 5 for Paired Cables (Western Electric Standard)

Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination	Pair No.	Color Combination
1	White/Blue Stripe & Blue/White Stripe	6	Red/Blue Stripe & Blue/Red Stripe	11	Black/Blue Stripe & Blue/Black Stripe	16	Yellow/Blue Stripe & Blue/Yellow Stripe	21	Purple/Blue Stripe & Blue/Purple Stripe
2	White/Orange Stripe & Orange/White Stripe	7	Red/Orange Stripe & Orange/Red Stripe	12	Black/Orange Stripe & Orange/Black Stripe	17	Yellow/Orange Stripe & Orange/Yellow Stripe	22	Purple/Orange Stripe & Orange/Purple Stripe
3	White/Green Stripe & Green/White Stripe	8	Red/Green Stripe & Green/Red Stripe	13	Black/Green Stripe & Green/Black Stripe	18	Yellow/Green Stripe & Green/Yellow Stripe	23	Purple/Green Stripe & Green/Purple Stripe
4	White/Brown Stripe & Brown/White Stripe	9	Red/Brown Stripe & Brown/Red Stripe	14	Black/Brown Stripe & Brown/Black Stripe	19	Yellow/Brown Stripe & Brown/Yellow Stripe	24	Purple/Brown Stripe & Brown/Purple Stripe
5	White/Gray Stripe & Gray/White Stripe	10	Red/Gray Stripe & Gray/Red Stripe	15	Black/Gray Stripe & Gray/Black Stripe	20	Yellow/Gray Stripe & Gray/Yellow Stripe	25	Purple/Gray Stripe & Gray/Purple Stripe

