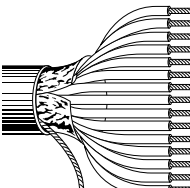


Overall Beldfoil® Shield

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	UL AWM Style 2464 (300V 80°C)	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
		NEC: 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										
	9534		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
		NEC: 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										
	9535		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
		NEC: 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										
	9536		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
		NEC: 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										
9537		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	
	NEC: 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											
9538		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	
	NEC: 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											
9539		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	
	NEC: 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											
9540		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	
	NEC: 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											
9541		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	
	NEC: 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											
9542		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	
	NEC: 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		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	
	NEC: CMG			500	152.4	44.0	20.0											
	CEC:			1000	304.8	86.0	39.1											
	CMG FT4																	
9544		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	
	NEC: CMG			500	152.4	51.5	23.4											
	CEC:			1000	304.8	102.0	46.4											
	CMG FT4																	
9545		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	
	NEC: CMG			500	152.4	65.0	29.5											
	CEC:			1000	304.8	130.0	59.1											
	CMG FT4																	
9546		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	
	NEC: 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

