

## Multiconductor, Overall Foil/Braid Shield - Belden

## Plenum Audio, Control, and Instrumentation

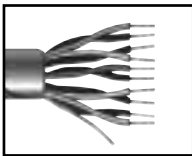


Description  
UL AWM/Style  
18 Gage

**Product Description:**  
Stranded Conductors (19x30) Tinned copper conductors, FEP insulated, conductors cabled. Beldfoil aluminum-polyester shield with 85% tinned copper braid shield. Red FEP jacket. Listed for use in an air plenum non-conduit.

Belden No. UL NEC C(UL) CEC Type	No. of Cond.	Standard Lengths		Std. Unit Lbs. Ea.	Insulation Thickness		Jacket Thickness		Nominal O.D.		Nominal Capacitance			
		ft.	m		Inch	mm	Inch	mm	Inch	mm	*pF/ ft.	*pF/** m	pF/ ft.	**pF/ m
83652 NEC CMP CEC CMP	2	100 500 1000	30.5 152.4 304.8	4.3 17 31.2	0.007	0.18	0.015	0.38	0.179	4.55	33	108	60	197
83653 NEC CMP CEC CMP	3	100 500 1000	30.5 152.4 304.8	6 23.9 47.4	0.007	0.18	0.015	0.38	0.188	4.78	33	108	60	197
83654 NEC CMP CEC CMP	4	100 500 1000	30.5 152.4 304.8	6.1 26.7 55.4	0.007	0.18	0.015	0.38	0.204	5.18	33	108	60	197
83656 NEC CMP CEC CMP	6	100 500 1000	30.5 152.4 304.8	8.2 37.8 75.5	0.007	0.18	0.015	0.38	0.239	6.07	33	108	60	197
83659 NEC CMP CEC CMP	9	100 500 1000	30.5 152.4 304.8	11.2 53.7 98.5	0.007	0.18	0.015	0.38	0.278	7.06	33	108	60	197
83662 NEC CMP CEC CMP	12	100 500 1000	30.5 152.4 304.8	13.3 64.4 125.1	0.007	0.18	0.015	0.38	0.308	7.82	33	108	60	197

## Multipair, Foil Shield - Alpha



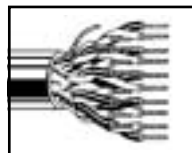
Description  
UL AWM/Style  
24 AWG (0, 23mm)

**Product Description:** Conductor: Stranded Tinned Copper  
**Insulation:** Color-Coded PVC **Operating Temperature:** -20°C TO 80°C - AWM, 75°C - CM **Voltage Rating:** 300 Volt **Shield:** Aluminum/Polyester Tape foil Facing Inward (100% coverage)  
**Drain Wire:** Stranded Tinned Copper **Jacket:** PVC  
Specifications: UL Type CM, AWM 2464 CSA PCC FT4, Passes UL Vertical Tray flame Test \*C\* Suffix Indicates CM Rating

Alpha Part No.	No. of Cond	Insulation Thickness		Jacket Thickness		Diameter		Drain Wire	
		Inches	mm	Inches	mm	Inches	mm	AG	Strand
5471C	1	0.010	0.25	0.032	0.81	0.16	4.1	0.24	7/32
5472C	2	0.010	0.25	0.032	0.81	0.21	5.3	0.24	7/32
5473C	3	0.010	0.25	0.032	0.81	0.23	5.8	0.24	7/32
5474C	4	0.010	0.25	0.032	0.81	0.24	6.1	0.24	7/32

## Multipair, Foil Shield - Belden

## Computer Cables for EIA RS-232 Applications



Description  
UL AWM/Style  
24 Gage  
Stranded (7x32)

**Product Description:**  
Tinned copper, S-R PVC insulated, twisted pairs. Overall Beldfoil aluminum-polyester shield. 24 AWG stranded tinned copper drain wire. Chrome PVC jacket.

Belden No. UL NEC C(UL) CEC Type	No. of Cond.	Standard Lengths		Std. Unit Lbs. Ea.	Nominal D.C.R.		Nominal O.D.		Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance			
		ft.	m		Cond.	Shield	Inch	mm			*pF/ ft.	*pF/** m	pF/ ft.	**pF/ m
9501 NEC CMG CEC CMG	1	100 500 1000	30.5 152.4 304.8	1.7 7.7 14.3	24ohm/M' 78.7ohm/km	18ohm/M' 59.1ohm/km	0.156	3.96	75	60%	40	131	74	243
9502 NEC CMG CEC CMG P-MSHA- SC-7K- 182037	2	100 500 1000 10000	30.5 152.4 304.8 3048	3 14.7 28.4 28.9 287.8	24ohm/M' 78.7ohm/km	17ohm/M' 55.8ohm/km	0.222	5.64	75	60%	30	98	50	164
9503 NEC CMG CEC CMG	3	100 500 1000	30.5 152.4 304.8	3.3 14.7 15.3 28.7 29.6	24ohm/M' 78.7ohm/km	17ohm/M' 55.8ohm/km	0.232	5.89	75	60%	30	98	50	164
9504 NEC CMG CEC CMG	4	100 500 1000	30.5 152.4 304.8	4.1 18.2 18.9 35.5 36.5	24ohm/M' 78.7ohm/km	17ohm/M' 55.8ohm/km	0.265	6.73	75	60%	30	98	50	164



## Multipair, Foil Shield - Belden

## Computer Cables for EIA RS-232 Applications

(con't)  
Description  
UL AWM/Style  
24 Gage  
Stranded (7x32)

Belden No. UL NEC C(UL) CEC Type	No. of Cond.	Standard Lengths		Std. Unit Lbs. Ea.	Nominal D.C.R.		Nominal O.D.		Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance			
		ft.	m		Cond.	Shield	Inch	mm			*pF/ft.	*pF/**m	pF/ft.	**pF/m
9505 NEC CMG CEC CMG	5	100	30.5	4.6	24ohm/M'	17ohm/M'	0.289	7.34	75	60%	30	98	50	164
		U-500	U-152.4	21.8	78.7ohm/km	55.8ohm/km								
		500	152.4	22.7										
		U-1000	U-304.8	43.2										
1000	304.8	46.5												
9506 NEC CMG CEC CMG	6	100	30.5	5.2	24ohm/M'	16ohm/M'	0.289	7.34	75	60%	30	98	50	164
		U-500	U-152.4	24.3	78.7ohm/km	52.5ohm/km								
		500	152.4	25.2										
		U-1000	U-304.8	47.6										
1000	304.8	52												
9507 NEC CMG CEC CMG	7	100	30.5	5.8	24ohm/M'	16.5ohm/M'	0.294	7.47	75	60%	30	98	50	164
		U-500	U-152.4	25.8	78.7ohm/km	54.1ohm/km								
		500	152.4	26.6										
		U-1000	U-304.8	51.1										
1000	304.8	54.4												
9508 NEC CMG CEC CMG	8	100	30.5	6.6	24ohm/M'	16.5ohm/M'	0.324	8.23	75	60%	30	98	50	164
		500	152.4	30.4	78.7ohm/km	54.1ohm/km								
		1000	304.8	62										
9509 NEC CMG CEC CMG	9	100	30.5	7.3	24ohm/M'	16.5ohm/M'	0.334	8.48	75	60%	30	98	50	164
		500	152.4	33.4	78.7ohm/km	54.1ohm/km								
		1000	304.8	68.8										
9510 NEC CMG CEC CMG	10	100	30.5	7.7	24ohm/M'	16.5ohm/M'	0.368	9.34	75	60%	30	98	50	164
		500	152.4	39.5	78.7ohm/km	54.1ohm/km								
		1000	304.8	75.2										
9515 NEC CMG CEC CMG	15	100	30.5	10.4	24ohm/M'	16.5ohm/M'	0.417	10.6	75	60%	30	98	50	164
		500	152.4	53	78.7ohm/km	54.1ohm/km								
		1000	304.8	102.3										
9519 NEC CMG CEC CMG	19	100	30.5	12.7	24ohm/M'	16.5ohm/M'	0.448	11.4	75	60%	30	98	50	164
		500	152.4	62.8	78.7ohm/km	54.1ohm/km								
		1000	304.8	121.8										
9525 NEC CMG CEC CMG	25	100	30.5	15.9	24ohm/M'	16.5ohm/M'	0.503	12.8	75	60%	30	98	50	164
		500	152.4	80.3	78.7ohm/km	54.1ohm/km								
		1000	304.8	156.5										
9550 NEC CMG CEC CMG	50	100	30.5	30.5	24ohm/M'	15.2ohm/M'	0.708	18	75	60%	30	98	50	164
		500	152.4	153.2	78.7ohm/km	49.9ohm/km								
		1000	304.8	309.9										

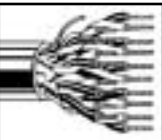


**Product Description:**  
Tinned copper, polypropylene insulated, twisted pair. Beldfoil aluminum-polyester shield. 24 AWG stranded copper drain wire, Chrome PVC jacket. The Beldfoil shield combines high cable reliability with ease of termination. Color Code: Black, Clear

No. UL NEC C(UL) CEC Type	No. of Cond.	Standard Lengths		Std. Unit Lbs. Ea.	Insulation Thickness		Jacket Thickness		Nominal O.D.		Nominal Capacitance			
		ft.	m		Inch	mm	Inch	mm	Inch	mm	*pF/ft.	*pF/**m	pF/ft.	**pF/m
8641	1	100	30.5	1.8	0.016	0.41	0.025	0.64	0.168	4.27	22	72	42	138
		U-500	U-152.4	7.7										
		500	152.4	7.4										
		U-1000	U-304.8	14.4										
		1000	304.8	13.8										
2000	609.6	26.1												

## Multipair, Foil Shield - Belden

## Audio Control, and Instrumentation



Description  
UL AWM/Style  
22 Gage

9305 NEC CMG CEC CMG	4	100	30.5	4.8	0.013	0.33	0.032	0.81	0.265	6.73	35	115	50	164
		U-500	U-152.4	22.4										
		500	152.4	23.2										
		U-1000	U-304.8	43.8										
1000	304.8	43.6												

**Product Description:**  
Solid conductors Tinned copper, PVC insulated, twisted pairs. Overall Beldfoil aluminum-polyester shield. 22 AWG stranded tinned copper drain wire. Chrome PVC jacket.



Description  
UL AWM/Style  
22 Gage  
Solid conductors

**Product Description:** Tinned copper, Datalene insulated, twisted pairs, Duofoil aluminum-polyester shield. 22 AWG stranded tinned copper drain wire. Black PVC jacket.

Belden No. UL NEC C(UL) CEC Type	No. of Cond.	Standard Lengths		Std. Unit Lbs. Ea.	Nominal D.C.R.		Nominal O.D.		Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance			
		ft.	m		Cond.	Shield	Inch	mm			*pF/ ft.	*pF/** m	pF/ ft.	**pF/ m



Description  
UL AWM/Style  
22 Gage  
Solid Conductor

**Product Description:** Tinned copper, polypropylene insulated, twisted pairs. Beldfoil aluminum-polyester shield. 22 AWG stranded tinned copper drain wire, Gray or Black PVC jacket. Suggested working voltage 200V RMS.

22 Gage Stranded (7x30)

**Product Description:** Tinned copper, PVC insulated, twisted pair, Beldfoil aluminum-polyester shield. 22 AWG stranded tinned copper drain wire. Chrome PVC jacket.

22 Gage Stranded (7x30)

**Product Description:** Tinned copper, polyethylene insulated, twisted pair. Beldfoil aluminum-polyester shield. 22 AWG stranded tinned copper drain wire. Chrome PVC jacket.

**Product Description:** Tinned copper, polypropylene insulated, twisted pair. Beldfoil aluminum-polyester shield. 22 AWG stranded tinned copper drain wire. Paper wrap, Gray or Black PVC jacket. Suggested working voltage: 300V RMS. Unique paper separator facilitates jacket stripping.

20 Gage Stranded (7x28)

**Product Description:** Tinned copper, polyethylene insulated, twisted pair. Beldfoil aluminum-polyester shield. 20 AWG stranded tinned copper drain wire. Chrome PVC jacket.

18 Gage Stranded (16x30)

**Product Description:** Tinned copper, polyethylene insulated, twisted pair. Beldfoil aluminum-polyester shield. 20 AWG stranded tinned copper drain wire. Chrome PVC jacket.

16 Gage Stranded (19x29)

**Product Description:** Tinned copper, polyethylene insulated, twisted pair. Beldfoil aluminum-polyester shield. 8 AWG stranded tinned copper drain wire. Chrome PVC jacket. Color Code: Black, Clear.

14 Gage Stranded (19x27)

**Product Description:** Tinned copper, polyethylene insulated, twisted pair. Beldfoil aluminum-polyester shield. 16 AWG stranded tinned copper drain wire. Chrome PVC jacket. Color Code: Black, Clear.

12 Gage Stranded (19x25)

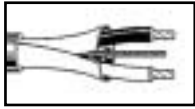
**Product Description:** Tinned copper, polyethylene insulated, twisted pair. Beldfoil aluminum-polyester shield. 14 AWG stranded tinned copper drain wire. Chrome PVC jacket. Color Code: Black, Clear.

No. UL NEC C(UL) CEC Type	No. of Cond.	Standard Lengths		Std. Unit Lbs. Ea.	Insulation Thickness		Jacket Thickness		Nominal O.D.		Nominal Capacitance			
		ft.	m		Inch	mm	Inch	mm	Inch	mm	*pF/ ft.	*pF/** m	pF/ ft.	**pF/ m
9462 NEC CMG CEC CMG	1	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	2.2 9.7 9.4 18.3 17.8	0.013	0.33	0.035	0.89	0.186	4.72	50	164	90	295
8761 NEC CM CEC CM	1	U-500 500 U-1000 1000 2000 5000 10000	U-152.4 152.4 U-304.8 304.8 609.6 1524 3048	9 8.7 16.9 17.7 34.1 88.1 174.4	0.016	0.41	0.025	0.64	0.175	4.45	24	79	47	154
8451 NEC CM CEC CM	1	100 250 U-500 500 U-1000 1000	30.5 76.2 U-152.4 152.4 U-304.8 304.8	1.7 3.5 7.4 7 13.8 13.5	0.008	0.2	0.02	0.51	0.138	3.51	34	111	67	220
8762 NEC CM CEC CM	1	10 250 U-500 500 U-1000 1000 2000 10000	30.5 76.2 U-152.4 152.4 U-304.8 304.8 609.6 3048	2.6 6.3 12.4 12 23.4 23.6 48.6 235.8	0.016	0.41	0.028	0.71	0.204	5.18	27	89	49	161
8760 NEC CM CEC CM	1	250 U-500 500 U-1000 1000 2000 5000 10000	76.2 U-152.4 152.4 U-304.8 304.8 609.6 1524 3048	7.5 13.1 13.8 25.2 25.8 52.6 129.9 256	0.019	0.48	0.028	0.71	0.222	5.64	24	79	44	144
8719 NEC CM CL2 CEC CM	1	U-500 500 U-1000 1000 2000 5000 10000	U-152.4 152.4 U-304.8 304.8 609.6 1524 3048	27.4 27 53.6 56.6 109.4 275.8 579.6	0.032	0.81	0.032	0.81	0.313	7.95	23	75	44	144
8720 NEC CM CL2 CEC CM	1	U-500 500 1000 2000	U-152.4 152.4 304.8 609.6	34.7 34.8 71.7 139.3	0.032	0.81	0.035	0.89	0.355	9.02	24	79	47	154
8718 NEC CM CL2 CEC CM	1	U-500 500 1000 2000	U-152.4 152.4 304.8 609.6	49.1 50.8 101.1 199.8	0.037	0.94	0.041	.02	0.4	10.16	25	82	49	161



**Product Description:**

Tinned copper, PVC insulated, twisted pair. Beldfoil aluminum-polyester shield. 22 AWG stranded tinned copper drain wire. Beige PVC jacket.



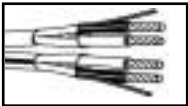
**Product Description:** Tinned copper, polypropylene insulated, twisted pair. Beldfoil aluminum-polyester shield, 22 AWG stranded tinned copper drain wire. PVC jacket in Brown, Red, orange, yellow, green, blue, violet, gray, white, and black. The jacket and shield are bonded so both can be removed with automatic stripping equipment. Drain wire is on the inside of foil shield. Suggested working voltage: 300V RMS

**Product Description:** Tinned copper, polypropylene insulated, twisted pair. Beldfoil aluminum-polyester shield, 22 AWG stranded tinned copper drain wire. PVC jacket in Brown, Red, orange, yellow, green, blue, violet, gray, white, and black.

**Product Description:** Tinned copper, PVC insulated, twisted pair. Beldfoil aluminum-polyester shield, 24 AWG stranded tinned copper drain wire. PVC jacket in Brown, Red, orange, yellow, green, blue, violet, gray, white, and black.

**Product Description:** Tinned copper, polyethylene insulated, twisted pair. Beldfoil aluminum-polyester shield, 20 AWG stranded tinned copper drain wire. Chrome PVC jacket. The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain Wire is on the inside of foil shield. Color Code: Black, Clear

Description UL AWM/Style  
22 AWG (19 x 34)



No. UL NEC C(UL) CEC Type	No. of Cond.	Standard Lengths		Std. Unit Lbs. Ea.	Insulation Thickness		Jacket Thickness		Nominal O.D.		Nominal Capacitance			
		ft.	m		Inch	mm	Inch	mm	Inch	mm	*pF/ft.	*pF/**m	pF/ft.	**pF/m
9154 NEC CMG CEC CMG	1	U-500	U-152.4	11.9	0.014	0.36	0.031	0.79	0.198	5.03	60	197	100	328
		500	152.4	11.6										
		U-1000	U-304.8	22.8										
		1000	304.8	23.6										

**Product Description:** Tinned copper, polyethylene insulated, twisted pair. Beldfoil aluminum-polyester shield. 22 AWG Stranded tinned copper drain wire. Chrome PVC jacket. The jacket and shield are bonded so both can be removed on automatic stripping equipment.

9461 NEC CM CEC CM	1	U-500	U-152.4	105	0.016	0.41	0.026	0.66	0.18	4.57	24	79	47	154
		U-1000	U-304.8	20.6										
9451 NEC CM CEC CM	1	U-500	U-152.4	7.5	0.008	0.2	0.02	0.51	0.135	3.43	34	111	67	220
		500	152.4	7.6										
		T-1000	T-304.8	15.9										
		U-1000	U-304.8	13.6										
1266A NEC CM CEC CM	1	U-1000	U-304.8	15.1	0.010	.25	0.02	0.51	0.145	3.68	30	99	54	177
		1000	304.8	15.7										
1503A NEC CM CEC CM	1	U-1000	U-304.8	16	0.010	.25	0.02	0.51	0.142	3.61	53	174	97	318
		U-2000	U-609.8	31.4										
9460 NEC CM CEC CM	1	U-500	U-152.4	18.4	0.019	0.48	0.03	0.76	0.23	5.84	24	79	44	144
		U-1000	U-304.8	36.4										

**Product Description:** Stereo and Audio cable. Tinned copper, PVC insulated, dual twisted pairs. Beldfoil aluminum-polyester shields. 24 AWG stranded tinned copper drain wires. Chrome PVC jacket in zip-cord construction with one pair striped for identification. The jackets and shields are bonded so both can be removed with automatic stripping equipment.

1504A NEC CM CEC CM	2	U-1000	U-304.8	220.3	0.010	.25	0.020	.51	0.143	3.63	57	187	100	328
		2000	609.8	40.8					X	X				
										0.3	7.62			

## Multipair, Foil Shield - Belden

## Plenum Audio, Control, and Instrumentation Cables



22 Gage Stranded (7x30)

**Product Description:** Tinned copper, FEP insulated, twisted pair. Beldfoil aluminum-polyester shield. 22 AWG stranded tinned copper drain wire. Red FEP jacket.

22 Gage/Stranded (7x30)

**Product Description:** Tinned copper, FEP insulated, twisted pair. Beldfoil aluminum-polyester shield. 22 AWG stranded tinned copper drain wire. Natural Flamarrrest® jacket. Listed for use in an air plenum non-conduit.

18 Gage Stranded (19x30)

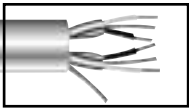
**Product Description:** Tinned copper, FEP insulated, twisted pair. 100% Beldfoil aluminum-polyester shield. 20 AWG stranded tinned copper drain wire. Red FEP jacket.

**Product Description:** Tinned copper, FEP insulated, twisted pair. Beldfoil aluminum-polyester shield. 20 AWG stranded tinned copper drain wire. Natural Flamarrrest® jacket. Listed for use in an air plenum non-conduit.

No. UL NEC C(UL) CEC Type	No. of Cond.	Standard Lengths		Std. Unit Lbs. Ea.	Insulation Thickness		Jacket Thickness		Nominal O.D.		Nominal Capacitance			
		ft.	m		Inch	mm	Inch	mm	Inch	mm	*pF/ft.	*pF/**m	pF/ft.	**pF/m
88761	1	100	30.5	3.3	0.006	0.15	0.015	0.38	0.118	3	35	115	67	220
		U-500	U-152.4	7.1										
		U-1000	U-304.8	14.8										
		500	152.4	8										
		1000	304.8	17.5										
82761	1	U-500	U-152.4	7	0.006	0.15	0.015	0.38	0.118	3	35	115	67	220
		U-1000	U-304.8	13.9										
		1000	304.8	15.5										
88760	1	100	30.5	3.8	0.007	0.18	0.015	0.38	0.154	3.91	51	167	97	318
		U-500	U-152.4	13.2										
		U-1000	U-304.8	26.3										
		500	152.4	16.4										
		1000	304.8	27.6										
82760	1	U-500	U-152.4	12.1	0.007	0.18	0.015	0.38	0.154	3.91	51	167	97	318
		U-1000	U-304.8	23.9										
		1000	304.8	25.5										



## Multipair Data Cables, Individually Shielded - Alpha



**Product Description:** -20°C TO 105°C Voltage Rating: 400 Volt  
 Conductor: Stranded Tinned Copper Insulation: Color-coded high density polypropylene (PP) Shield: Aluminum/Polyester tape  
 Drain Wire: Stranded Tinned Copper Each Pair Part No. 2463C and 2466C Have a Common Drain Wire Jacket: PVC. UL 2717 (Part No. 1243/2C) "C" Suffix Denotes UL Type CM, CSA PCC FT4

Alpha Part No.	AWG	Conductor			No. of Pairs	Insulation Thickness		Jacket Thickness		Diameter	
		sq mm	Strand	mm		Inches	mm	Inches	mm	Inches	mm
2466C	22	0, 36	7/30	7 X 0, 25	2	0.008	0, 20	0.019	0, 48	0.16	4, 1

## Multipair, Individually Shielded - Belden Computer Cables Low Capacitance for EIA RS-422 Applications



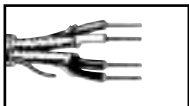
**Description**  
 UL AWM/Style  
 24 Gage  
 Stranded (7x32)

Belden No. UL NEC C(UL) CEC Type	No. of Cond.	Standard Lengths		Std. Unit Lbs. Ea.	Nominal D.C.R.		Nominal O.D.		Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance			
		ft.	m		Cond.	Shield	Inch	mm			*pF/ft.	*pF/**m	pF/ft.	**pF/m
9729	2	100	30.5	4.6	24.0ohm/M'	18.0ohm/M'	0.317	8.05	100	78%	12.5	41	23.2	76.1
		500	152.4	21.6	78.7ohm/km	59.1ohm/km								
		1000	304.8	44.8										
		10000	3048	414.9										

**Product Description:** Tinned copper, Datalene insulated, twisted pairs. Each pair individually shielded with Beldfoil aluminum-polyester shield and a 24 AWG stranded tinned copper drain wire. Overall Chrome PVC jacket. 300 volts.

## Multipair, Individually Shielded - Belden

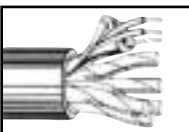
## Audio, Control, and Instrumentation Cables



**Description**  
 UL AWM/Style  
 22 Gage  
 Stranded (7x30)

8723	2	100	30.5	2.3	15.0ohm/M'	16.6ohm/M'	0.168	4.27	45	66%	35	115	62	203
		U-500	U-152.4	10	49.2ohm/km	54.5ohm/km								
		500	152.4	10.8										
		U-1000	U-304.8	20										
		1000	304.8	20.7										
		1640	499.9	32.8										
		U-2000	U-609.6	39.4										
		2000	609.6	39.5										
		3280	999.7	66.8										
		5000	1524	99.5										
10000	3048	200.7												

**Product Description:** Tinned copper, polypropylene insulated. Black and Red under a Beldfoil aluminum-polyester shield, Green and White under a Beldfoil aluminum-polyester shield. 24 AWG stranded tinned copper drain wire. Chrome PVC jacket. Pairs cabled on common axis to reduce diameter. Color code: Red, Black, Green, White. Suggested working voltage: 300V RMS.



**Description**  
 UL AWM/Style  
 22 Gage

8777	3	100	30.5	4.7	15.0ohm/M'	10.6ohm/M'	0.273	6.93	50	66%	30	98	55	180
		U-250	U-76.2	10.8	49.2ohm/km	34.8ohm/km								
		250	76.2	10.5										
		U-500	U-152.4	20.9										
		500	152.4	21.6										
		1000	304.8	44.6										
		1640	499.9	70.2										
		3280	999.7	136.3										
		5000	1524	208										
		10000	3048	448.8										
8778	6	100	30.5	7.8	15.0ohm/M'	10.6ohm/M'	0.362	9.19	50	66%	30	98	55	180
		250	76.2	20.6	49.2ohm/km	34.8ohm/km								
		500	152.4	43.3										
		1000	304.8	82.9										
8774	9	100	30.5	11.9	15.0ohm/M'	10.6ohm/M'	0.417	10.59	50	66%	30	98	55	180
		250	76.2	29.5	49.2ohm/km	4.8ohm/km								
		500	152.4	60.5										
		1000	304.8	117.3										
8775	11	100	30.5	14.1	15.0ohm/M'	10.6ohm/M'	0.464	11.79	50	66%	30	98	55	180
		250	76.2	33.2	49.2ohm/km	34.8ohm/km								
		500	152.4	68.4										
		1000	304.8	133										
8776	15	100	30.5	20.9	15.0ohm/M'	10.6ohm/M'	0.548	13.92	50	66%	30	98	55	180
		250	76.2	50.9	49.2ohm/km	34.8ohm/km								
		500	152.4	97.8										
		1000	304.8	192.2										

**Product Description:** Tinned copper polypropylene insulated, twisted pairs. Each pair individually shielded with Beldfoil aluminum-polyester shield and 22 AWG stranded tinned copper drain wire. Overall chrome PVC jacket.



**Product Description:** Tinned copper polypropylene insulated, twisted pairs. Each pair individually shielded with Beldfoil aluminum-polyester shield and 22 AWG stranded tinned copper drain wire. Overall chrome PVC jacket.

Belden No. UL NEC C(UL) CEC Type	No. of Cond.	Standard Lengths		Std. Unit Lbs. Ea.	Nominal D.C.R.		Nominal O.D.		Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance				
		ft.	m		Cond.	Shield	Inch	mm			*pF/ ft.	*pF/** m	pF/ ft.	**pF/ m	
															9769
		250	76.2	56.2	49.2ohm/km	4.8ohm/km									
		500	152.4	108.7											
		1000	304.8	214.9											
8773	27	100	30.5	33.8	15.0ohm/M'	10.6ohm/M'	0.709	18	50	66%	30	98	55	180	
		250	76.2	84.9	49.2ohm/km	34.8ohm/km									
		500	152.4	165.8											
		1000	304.8	346.3											

## Plenum Computer Cables - Belden Low Capacitance for EIA RS-232 and EIA RS-422 Applications

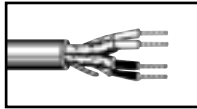


**Description**  
UL AWM/Style  
24 Gage  
Stranded (7x32)

**Product Description:** Tinned copper, twisted pairs. Each pair individually shielded with Beldfoil aluminum-polyester shield. 24 AWG stranded tinned copper drain wire. Non-conduit. Foamed FEP insulated. 100% Beldfoil shield coverage. Flammarrest® jacket.

Belden No. UL NEC CEC CMP	No. of Cond.	Standard Lengths ft.	Standard Lengths m	Std. Unit Lbs. Ea.	Insulation Thickness Inch	Insulation Thickness mm	Jacket Thickness Inch	Jacket Thickness mm	Nominal O.D. Inch	Nominal O.D. mm	Nom. Imp. (ohms)	Nom. Vel. of Prop.	*pF/ ft.	*pF/** m	pF/ ft.	**pF/ m
82729	2	1000	304.8	30.8	23.3ohms/M'	14.4ohms/M'	0.257	6.53	100	78%	12.5	41	22.5	73.82		
NEC CMP		U-1000	U-304.8	27.1	76.4ohms/km	47.2ohms/km										
CEC CMP																

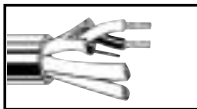
## Plenum Audio, Control, and Instrumentation Cables - Belden



**Description**  
UL AWM/Style  
22 Gage  
Stranded (7x30)

**Product Description:** Tinned copper, Halar insulated twisted pairs. Each pair individually shielded with Beldfoil aluminum-polyester shield. Halar Insulated. Pairs cabled on common axis to reduce diameter. 24 AWG stranded tinned copper drain wire. Natural Flammarrest® jacket.

Belden No. UL NEC CEC CMP	No. of Cond.	Standard Lengths ft.	Standard Lengths m	Std. Unit Lbs. Ea.	Insulation Thickness Inch	Insulation Thickness mm	Jacket Thickness Inch	Jacket Thickness mm	Nominal O.D. Inch	Nominal O.D. mm	Nom. Imp. (ohms)	Nom. Vel. of Prop.	*pF/ ft.	*pF/** m	pF/ ft.	**pF/ m
82723	2	U-500	U-152.4	8.2	14.7ohms/M'	16.6ohms/M'	0.15	3.81	36	62%	43	141	75	246		
NEC CMP		U-1000	U-304.8	15.5	48.2ohms/km	54.5ohms/km										
CEC CMP		1000	304.8	16.7												
		U-2000	U-609.6	30.4												



**Description**  
UL AWM/Style  
22 Gage  
Stranded (7x30)

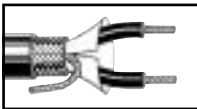
**Product Description:** Tinned copper, Halar insulated. Individually shielded pairs. 22 AWG stranded tinned copper drain wire. Natural Flammarrest® jacket.

Belden No. UL NEC CEC CMP	No. of Cond.	Standard Lengths ft.	Standard Lengths m	Std. Unit Lbs. Ea.	Insulation Thickness Inch	Insulation Thickness mm	Jacket Thickness Inch	Jacket Thickness mm	Nominal O.D. Inch	Nominal O.D. mm	Nom. Imp. (ohms)	Nom. Vel. of Prop.	*pF/ ft.	*pF/** m	pF/ ft.	**pF/ m
82777	3	U-500	U-152.4	19.6	14.7ohms/M'	11.3ohms/M'	0.234	5.94	46	62%	35	115	76	249		
NEC CMP		1000	304.8	40.6	48.2ohms/km	37.1ohms/km										
CEC CMP		U-1000	U-304.8	37.6												

**Product Description:** Tinned copper, Halar insulated. Individually shielded pairs. 22 AWG stranded tinned copper drain wire. Natural Flammarrest® jacket.

Belden No. UL NEC CEC CMP	No. of Cond.	Standard Lengths ft.	Standard Lengths m	Std. Unit Lbs. Ea.	Insulation Thickness Inch	Insulation Thickness mm	Jacket Thickness Inch	Jacket Thickness mm	Nominal O.D. Inch	Nominal O.D. mm	Nom. Imp. (ohms)	Nom. Vel. of Prop.	*pF/ ft.	*pF/** m	pF/ ft.	**pF/ m
82778	6	1000	304.8	80.5	14.7ohms/M'	11.3ohms/M'	0.33	8.38	46	62%	35	115	76	249		
NEC CMP					48.2ohms/km	37.1ohms/km										
CEC CMP																

## Multipair, Braid Shield - Belden Audio, Control, and Instrumentation Cables



**Description**  
UL AWM/Style  
22 Gage  
Solid

**Product Description:** Tinned copper, PVC insulated, twisted pair. Polyester tape, 22 AWG stranded tinned copper drain wire. Tinned copper braid shield. Black PVC jacket.

**Description UL AWM/Style**  
22 Gage Stranded (7x30)

**Product Description:** Tinned copper, PVC insulated, twisted pair. Polyester tape, 22 AWG stranded tinned copper drain wire. Tinned copper braid shield. Black PVC jacket.

**Description UL AWM/Style**  
18 Gage Stranded (16x30)

**Product Description:** Tinned copper, rubber insulated, twisted pair. Separator. Tinned copper braid shield. Chrome PVC jacket. Suggested working voltage: 300V RMS.

Belden No. UL NEC C(UL) CEC Type	No. of Cond.	Standard Lengths		Std. Unit Lbs. Ea.	Insulation Thickness		Jacket Thickness		Nominal O.D.		Nominal Capacitance					
		ft.	m		Inch	mm	Inch	mm	Inch	mm	*pF/ ft.	*pF/** m	pF/ ft.	**pF/ m		
															8437	1
NEC CMG		1000	304.8	24.5												
CEC CMG																
8441	1	100	30.5	3.8	0.015	0.38	0.025	0.64	0.21	5.33	49	161	86	282		
NEC CMG		U-500	U-152.4	13.1												
CEC CMG		500	152.4	13.4												
		U-1000	U-304.8	25.3												
		1000	304.8	26.1												
8208	1	100	30.5	4.3	0.022	0.56	0.025	0.64	0.257	6.53	46	151	77	253		
		U-500	U-152.4	19.5												
		500	152.4	20.1												
		U-1000	U-304.8	38												
		1000	304.8	38.8												



## Multipair, Foil/Braid Shield - Belden

## Low Capacitance for EIA RS-485 Applications



Description  
UL AWM/Style  
24 Gage  
Stranded (7x32)

**Product Description:** Tinned copper, polyethylene insulated, twisted pairs. Overall Beldfoil aluminum-polyester shield. 24 AWG stranded tinned copper drain wire. Overall tinned copper braid shield (90% coverage). Chrome PVC jacket

Belden No. UL NEC C(UL) CEC Type	No. of Cond.	Standard Lengths		Std. Unit Lbs. Ea.	Nominal D.C.R.		Nominal O.D.		Nom. Imp. (ohms)	Nom Vel. of Prop.	Nominal Capacitance			
		ft.	m		Cond.	Shield	Inch	mm			*pF/ ft.	*pF/** m	pF/ ft.	**pF/ m
9841 NEC CM CEC CM	1	100	30.5	3.9	24.0ohm/M'	3.35ohm/M'	0.232	5.89	120	66%	12.8	42	23	75.5
		500	152.4	19.3	78.7ohm/km	11.0ohm/km								
		1000	304.8	36.8										
9842 NEC CM CEC CM	2	100	30.5	5.5	24.0ohm/M'	2.20ohm/M'	0.34	8.64	120	66%	12.8	42	23	75.5
		500	152.4	28.8	78.7ohm/km	7.2ohm/km								
		1000	304.8	53.9										

## Computer Cables

## Low Capacitance for EIA RS-232 and EIA RS-422 Applications



24 Gage  
Stranded (7x32)

**Product Description:** Tinned copper, polyethylene insulated, twisted pairs. Overall Beldfoil aluminum-polyester shield. 24 AWG stranded tinned copper drain wire. Overall tinned copper braid shield (65% coverage). Chrome PVC jacket

9829 NEC CM CEC CM	2	100	30.5	5.3	24.0ohm/M'	3.8ohm/M'	0.29	7.39	100	66%	15.5	50.9	27.5	90.2
		500	152.4	25.2	78.7ohm/km	12.5ohm/km								
		1000	304.8	50.9										
8102 NEC CM CEC CM	2	100	30.5	4	24.0ohm/M'	4.6ohm/M'	0.27	6.86	100	78%	12.5	41	22	72.2
		500	152.4	19.8	78.7ohm/km	15.1ohm/km								
		1000	304.8	40.4										
		10000	3048	369										
8103 NEC CM CEC CM	3	100	30.5	5	24.0ohm/M'	3.8ohm/M'	0.283	7.19	100	78%	12.5	41	22	72.2
		500	152.4	22.4	78.7ohm/km	12.5ohm/km								
		1000	304.8	46										
		10000	3048	439.2										

Description UL AWM/Style  
24 Gage Stranded (7x32)

**Product Description:** Tinned copper, Datalene insulated, twisted pairs. Overall Beldfoil aluminum-polyester shield. 24 AWG stranded tinned copper drain wire. Overall tinned copper braid shield (65% coverage). Chrome PVC jacket.

## Non-Plenum -Alpha



9055



9059C, 9059, 9830



9845



9187A, 9196A,  
9178B, 9188A

Alpha Part No Type	Inner Conductor			Dielectric		Shield	Nom	Jacket		UL Style No.	VP %	Capacitance pF/ft (pf/m)	Specs
	AWG (sq mm)	Strand	Mat'l	Mat'l	Diameter In. (mm)	Mat'l	Cov. %	Mat'l	Diameter In. (mm)				
9055 55/U	20 (0, 52)	SOLID	BC	PE	0.116 (2, 95)	DOUBLE TC BRAID	99	Natural	0.206	—	66	28.8 (94, 5)	—
								PE	(5, 23)				
9059C 59/U	22 (0, 32)	SOLID	CW	PE	0.146 (3, 71)	BC BRAID	95	Black, Red Green, Blue Gray V	0.242	1354	66	21.4 (70, 2)	UL Standard 13, Type CL2
								(6, 15)					
9059 59/U	22 (0, 32)	SOLID	CW	PE	0.146 (3, 71)	BC BRAID	95	White Gray Black, V	0.242	1354	66	21.4 (70, 2)	JAN-C-17A
								(6, 15)					
9830 59/U	22 (0, 32)	SOLID	CW	PE	0.146 (3, 71)	BC BRAID	80	Black V	0.242	1354	66	21.6 (70, 8)	—
								(6, 15)					
9845 59 B/U	23 (0, 26)	SOLID	CW	PE	0.146 (3, 71)	BC BRAID	95	Black V	0.242 X 0.504	—	66	20.1 (65, 9)	—
								(6, 15) X (13, 00)					
9187A 187 A/U	30 (0, 06)	7/38 (7 X 0, 10)	SCW	TFE	0.06 (1, 52)	SC BRAID	94	White TFE Tape	0.105	—	70	19.5 (64, 0)	—
								(2, 67)					
9196A 196 A/U	30 (0, 06)	7/38 (7 X 0, 101)	SCW	TFE	0.034 (0, 86)	SC BRAID	95	White TFE Tape	0.076	—	70	27.8 (91, 2)	—
								(1, 93)					
9178B 178 B/U	30 (0, 06)	7/38 (7 X 0, 10)	SCW	TFE	0.034 (0, 86)	SC BRAID	96	Natural FEP	0.071	—	70	28.4 (93, 1)	100% Sweep Test@ 5 TO 300MHz
								(1, 80)					
9188A 188A/U	25 (0, 16)	7/0.0067 (7 X 0, 17)	SCW	TFE	0.06 (1,52)	SC BRAID	94	White TFE Tape	0.106	—	70	28.3 (92, 8)	—
								(2, 69)					





9062, 9062A



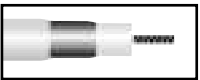
9174



9179



9213, 9214



9316



9223, 9807

Alpha Part No Type	Inner Conductor			Dielectric		Shield		Nom Cov., %	Jacket		UL Style No.	VP %	Capacitance pF/ft (pF/m)	Specs
	AWG (sq mm)	Strand (mm)	Mat'l	Mat'l	Diameter In. (mm)	Mat'l			Mat'l	Diameter In. (mm)				
9062 62/U	22 (0, 32)	SOLID	CW	SSP	0.146 (3, 71)	BC BRAID		81	Black V (Indoor)	0.242 (6, 15)	—	84	13.1 (14, 0)	JAN-C-17A
9062AC 62 A/U	22 (0, 32)	SOLID	CW	SSP	0.146 (3, 71)	BC BRAID		95	Black, White Red, Green Blue, Gray Orange	0.242 (6, 15)	1478	84	13.2 (67, 6)	UL Standard 13 TYPE CL2
9174 174/U	26 (0, 14)	7/34 (7 X 0, 16)	CW	PE	0.06 (1, 52)	TC BRAID		88	Black V	0.1 (2, 54)	1354	66	31.1 (102, 0)	—
9179B 179 B/U	30 (0, 06)	7/38 (7 X 0, 10)	SCW	TFE	0.063 (1, 60)	SC BRAID		93	Brown Tint FEP	0.1 (2, 54)	—	70	19.6 (64, 3)	100% Sweep Test @ 5 TO 300MHz
9213 213/U	13 (1, 83)	7/0.0296 (7 X 0, 75)	BC	PE	0.284 (7, 25)	BC BRAID		96	BLACK NCV	0.405 (10, 29)	—	66	30.8 (101, 0)	MIL-C-17D TYPE
9214 214/U	13 (1, 83)	7/0.0296 (7 X 0, 75)	SC	PE	0.284 (7, 25)	DOUBLE SC BRAID		99	Black NCV	0.425 (10, 80)	—	66	30.8 (101, 0)	MIL-C-17D TYPE
9316 316/U	26 (0, 15)	7/0.0067 (7 X 0, 17)	SCCS	TFE	0.06 (1, 52)	SC		93	FEP Yellow V	0.098 (2, 48)	—	70	30 (98, 43)	—
9807 VIDEO	20 (0, 52)	SOLID	BC	PE	0.2 (5, 08)	DOUBLE TC BRAID		99	Black PE	0.304 (7, 72)	—	66	20.7 (67, 9)	100% Sweep Test @ 5 To 300 MHZ, JAN-C-17A
9223 223/U	19 (0, 65)	SOLID	SC	PE	0.116 (2, 94)	DOUBLE SC BRAID		99	Black NCV	0.212 (5, 38)	—	66	31.5 (103, 3)	MIL-C-17D Type

**Broadband Cable - Alpha** **RG Series 6 DBS Cable**



Choose RG Series 6 DBS Cables for: Effective transmission of video and data signals, Aerial & direct burial drop cables, master antenna & community antenna drops, CATV house drops Applications: Hospitals, office complexes, colleges and universities plant facilities, direct broadcast (DBS)

8650 RG6 C(UL) CM	18 (0, 82)	SOLID	CW	FPE	0.180 (4, 57)	DBII & AB		100 60	BLACK PVC	.270 (6, 86)	CATV CM	82	16.2 (53, 1)	100% Sweep Tested to 1.8GHz
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**MATV Cables - Belden**



Description  
UL AWM/Style  
Series 59  
20 AWG

Product Description: PVC Jacket. Sweep Tested. 5-550 MHz Gas Injected

Belden Part No. UL NEC C(UL) CEC	Standard Lengths		Std Unit Lbs. ea	AWG (stranding) Dia. In In. Nom. D.C.R.	Insulation & Nominal Core O.D.		Nominal O.D.		No. of Shields & Material Nom. D.C.R.	Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance	
	ft.	m			Inch	mm	Inch	mm				pF/ft	pF/m
9275 NEC CATV CM CEC CM	U-500 Black	U-152.4	12	20 (solid) .032 bare copper covered	0.144	3.66	0.237	6.02	Duofoil® +40% aluminum braid	75	82%	16.2	53.1
	U-1000 White Black 1000 Black	U-304.8	23.5	20 (solid) .032 bare copper covered steel 44.5 ohm/M' 146.0 ohm/km					17.0 ohm/M' 55.8 ohm/km				



Product Description: PVC Jacket. Sweep Tested. 5-1000 MHz. Gas injected.

9100 NEC CATV CM CEC CM	U-500 Black	U-152.4	12	20 (solid) .032 bare copper covered steel 44.5 ohm/M' 146.0 ohm/km	0.144	3.66	0.237	6.02	Duobond®, II +40% aluminum braid	75	82%	16.2	53.1
	U-1000 White Black E-1000 Black White	U-304.8	23.5	20 (solid) .032 bare copper covered steel 44.5 ohm/M' 146.0 ohm/km					17.0 ohm/M' 55.8 ohm/km				