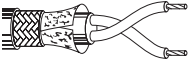
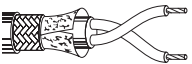


## Computer and Instrumentation Cable


100 Ohm, 124 Ohm and 150 Ohm Twinax

Description	Part No.	UL NEC/ C(UL) CEC Type	Standard Lengths		Standard Unit Weight		Conductor (stranding) Diameter Nom. DCR	Nominal Core OD		Shielding Materials Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation		
			Ft.	m	Lbs.	kg		Inch	mm		Inch	mm			pF/Ft.	pF/m	MHz	dB/ 100 Ft.	dB/ 100m
<b>100 Ohm • 20 AWG</b> Stranded (7x28) .037" One TC/One BC Conductor • Duofoil® (100% Coverage) + TC Braid Shield (86% Coverage)																			
<b>Polyethylene Insulation • Polyethylene Inner Jacket • Black PVC Outer Jacket</b>																			
75°C	<b>9207</b>	NEC:	100	30.5	7.1	3.2	20 AWG	.236	5.99	Duofoil	.330	8.38	100	66%	14.5	47.6	1	.3	1.0
		CM CL2	U-500	U-152.4	33.0	15.0	(7x28)			+86%							10	1.2	3.9
		CEC:	500	152.4	34.5	15.7	.037"			TC Braid							50	2.8	9.2
		CMG FT4	1000	304.8	68.0	30.9	(1) TC,			1.7Ω/M'							100	4.1	13.5
			1640	500.0	111.5	50.7	(1) BC			5.7Ω/km							200	6.4	21.0
			2000	609.6	136.0	61.8	9.5Ω/M'										400	10.2	33.5
			3280	1000.0	219.8	99.9	31.0Ω/km												
			5000	1524.0	350.0	159.1													
IBM P/N 7362211																			


**100 Ohm • 20 AWG** Stranded (7x28) .037" One TC/One BC Conductor • Duofoil (100% Coverage) + TC Braid Shield (85% Coverage)

<b>Plenum • FEP Insulation • Black FEP Jacket</b>																			
200°C	<b>89207</b>	NEC:	100	30.5	6.7	3.0	20 AWG	.201	5.11	Duofoil	.259	6.58	100	69.5%	14.0	46.0	1	.3	1.0
		CMP	500	152.4	26.0	11.8	(7x28)			+85%							10	1.2	3.9
		CEC:	1000	304.8	55.0	25.0	.037"			TC Braid							50	2.8	9.2
		CMP FT6					(1) TC, (1) BC			2.5Ω/M'							100	4.1	13.5
							9.5Ω/M'			8.2Ω/km							200	6.4	21.0
							31.2Ω/km										300	8.4	27.6
																	400	10.2	33.5


**124 Ohm • 25 AWG** Stranded (7x33) .021" Tinned Copper Conductors • Beldfoil® Shield (100% Coverage) • Stranded TC Drain Wire


<b>Polyethylene Insulation • Blue PVC Jacket (Color Code: Clear, Blue)</b>																			
UL AWM Style 2092 (300V 60°C)	<b>9271</b>	NEC:	100	30.5	3.2	1.5	25 AWG	.170	4.32	Beldfoil	.240	6.10	124	66%	12.2	40.0	1	.6	2.0
		CM	500	152.4	12.5	5.7	(7x33)			12.0Ω/M'							10	1.7	5.6
		CEC:	U-1000	U-304.8	27.0	12.3	.021"			39.4Ω/km							50	3.6	11.8
		CM	1000	304.8	28.0	12.7	TC										100	5.0	16.4
							31.8Ω/M'										200	6.9	22.6
							104.3Ω/km										400	9.6	31.5
Shorting Fold																			

**124 Ohm • 16 AWG** Solid .051" Bare Copper Conductors • Duofoil (100% Coverage) + Tinned Copper Braid Shield (90% Coverage)

<b>Foam Polyethylene Insulation • Black PVC Jacket (Color Code: Clear, Blue)</b>																			
UL AWM Style 2448 (30V 60°C) VW-1	<b>9860</b>	NEC:	500	152.4	52.0	23.6	16 AWG	.322	8.18	Duofoil	.440	11.18	124	78%	10.9	35.8	1	.2	.6
		CMX	1000	304.8	103.0	46.8	(solid)			+ 90%							10	.7	2.3
		CEC:	2000	609.6	202.0	91.8	.051"			TC Braid							50	1.8	5.9
		CMX					BC			1.3Ω/M'							100	2.9	9.5
							4.2Ω/M'			4.3Ω/km							200	4.1	13.5
							13.8Ω/km										400	6.2	20.3

**150 Ohm • 22 AWG** Stranded (19x34) .031" Tinned Copper Conductors • Duofoil Shield (100% Coverage) • Stranded TC Drain Wire

<b>Datalene® Insulation • Black PVC Jacket (Color Code: Black, Yellow)</b>																			
UL AWM Style 2668 (30V 60°C) VW-1	<b>9182</b>	NEC:	U-500	U-152.4	21.5	9.8	22 AWG	.275	6.98	Duofoil	.345	8.76	150	78%	8.8	28.9	1	.4	1.3
		CMX	500	152.4	23.0	10.4	(19x34)			6.3Ω/M'							10	1.2	3.9
		CL2X	1000	304.8	44.0	20.0	.031"			20.7Ω/km							50	2.7	8.7
		CEC:					TC										100	4.3	14.1
		CMX					14.0Ω/M'										200	6.2	20.3
							45.9Ω/km										400	8.8	28.9
Shorting Fold																			

<b>Plenum • Foam FEP Teflon Insulation • Black FEP Teflon Jacket (Color Code: Black, Yellow)</b>																			
	<b>89182</b>	NEC:	100	30.5	6.4	2.9	22 AWG	.278	7.06	Duofoil	.307	7.80	150	78%	8.8	28.9	1	.4	1.3
		CMP	500	152.4	28.0	12.7	(19x34)			6.3Ω/M'							10	1.2	3.9
		CL2P	1000	304.8	53.0	24.1	.031"			20.7Ω/km							50	2.7	8.7
		CEC:					TC										100	4.3	14.1
		CMP FT6					14.0Ω/M'										200	6.2	20.3
							45.9Ω/km										400	8.8	28.9

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**.

Teflon is a DuPont trademark.

**BELDEN**

For more information, contact **Belden Technical Support: 1-800-BELDEN-1 • www.belden.com**

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