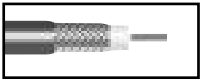




9062, 9062A



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	0.144	3.66	0.237	6.02	Duobond®, II +40% aluminum braid	75	82%	16.2	53.1
	U-1000 White Black 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				

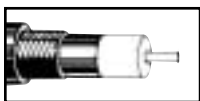


**Description**  
UL AWM/Style  
Series 6  
18 AWG

**Product Description:** Gas Injected, PVC Jacket. Sweep Tested. 5-1000 MHz.

Belden Part No. UL NEC C(UL) CEC Type	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
	9114 NEC CATV CM CEC CM	U-500 Black 1000 Black U-1000 Black Lt Beige			U-152.4 304.8 U-304.8	15.6 32.5 29.7	18 (solid) .040 bare copper covered steel 31.00 ohm/M' 101.7 ohm/km	0.18				4.57	0.27

## DBS Cables - 1800 MHz



**Description**  
UL AWM/Style  
Series 6  
18 AWG

**Product Description:** Gas Injected Black PVC Jacket., 950 MHz-1800 MHz. Sweep Tested.

1829A NEC CATV CM CEC CM	U-1000 1000 E-700	U-304.8 304.8 E-213.3	33.9 36.9 302.4	18 (solid) .040 bare copper covered steel 31.0 ohm/M' 101.7 ohm/km	0.18	4.57	0.27	6.86	Duobond II +60% aluminum braid 12.9 ohm/M' 42.3 ohm/km	75	82%	16.2	53.1
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## Broadband Cables - Belden



**Product Description:** Black, White, Beige, White, Beige, in UnReel® Only. PVC jacket. Sweep Tested. 5 MHz-1 GHz, 20db Min. Gas Injected.

**Product Description:** Black PVC jacket. Gas Injected. Sweep Tested. 5 MHz-1 GHz, 20 dB Min.



**Description**  
UL AWM/Style  
Series 6  
18 AWG

**Product Description:** Black, Neutral, White, Beige, Beige in UnReel Only. PVC jacket. Sweep Tested 5 MHz-1 GHz, 20 dB, Gas injected.

**Product Description:** Black PVC jacket Sweep Tested. 5 MHz-1 GHz, 20 dB Min. Gas Injected.

**Product Description:** Natural Flamarrest® jacket. Foam FEP.

9104 NEC CATV CM CEC CM	U-1000 1000 E-1000	U-304.8 304.8 E-304.8	26.4 26.5 294	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 +67% aluminum braid 12.0 ohm/M' 39.4 ohm/km	75	82%	16.2	53.1
9104R NEC CATVR CMR CEC CMR	U-1000 1000	U-304.8 304.8	26.4 26.5	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 +67% aluminum braid 12.0 ohm/M' 39.4 ohm/km	75	82%	16.2	53.1
9116 NEC CATV CM CM CEC CM	U-1000 1000 E-700	U-304.8 304.8 E-213.3	33.9 36.6 302.4	18 (solid) .040 bare copper covered steel 31.0 ohm/M' 101.7 ohm/km	0.18	4.57	0.27	6.86	Duobond II +60% aluminum braid 12.90 ohm/M' 42.30 ohm/km	75	82%	16.2	53.1
9116R NEC CATVR CMR CEC CMR	U-1000 1000	U-304.8 304.8	30.9 33.7	18 (solid) .040 bare copper covered steel 31.0 ohm/M' 101.7 ohm/k	0.18	4.57	0.27	6.86	Duobond II +60% aluminum braid 12.90 ohm/M' 42.30 ohm/km	75	82%	16.2	53.1
9116P NEC CATVP CMP CEC CMP	U-1000 1000	U-304.8 304.8	30.9 33.7	18 (solid) .040 bare copper covered steel 31.0 ohm/M' 101.7 ohm/km	0.17	4.32	0.235	5.97	Duofoil +60% aluminum braid 12.90 ohm/M' 42.30 ohm/km	75	82%	16.2	53.1



**Description**  
UL AWM/Style  
Series 6  
18 AWG

**Product Description:** Black PVC jacket. Sweep Tested. 5 MHz-1 GHz, 20 dB Min. .051" (1.3mm) Galvanized Steel Messenger. Gas injected.

**Product Description:** Black Polyethylene jacket. Sweep Tested 5 MHz-1 GHz, 20 dB Min. CoreGuard Burial. Gas Injected.



**Product Description:** Black, Neutral PVC jacket. Sweep Tested. 5 MHz-1 GHz, 20 dB Min. Gas Injected.

**Product Description:** Natural Flamarrest® jacket. Foam FEP.



**Product Description:** Black, Neutral PVC jacket. 5 MHz-1 GHz, 20dB Min. Sweep Tested. Gas Injected.

**Product Description:** Black Polyethylene jacket. Sweep Tested. 5 MHz-1 GHz, 20dB Min. CoreGuard Burial. Gas Injected.



**Product Description:** Black, White, Black, White, Beige Neutral PVC Jacket, Black, White, Neutral in UnReel® Only. Sweep Tested. 5 MHz-1 GHz, 20dB Min. Gas injected.



**Product Description:** Black fluorocopolymer jacket. Foam FEP.



**Description**  
UL AWM/Style  
Series 11  
14 AWG

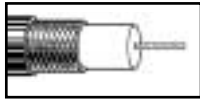
**Product Description:** Black PVC jacket. Sweep Tested. 5 MHz-1 GHz, 20dB Min. Gas injected.

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		
	Type	ft.			m	Inch	mm	Inch				mm	pF/ft	pF/m
9117		1000	304.8	49.6	18 (solid) .040 bare copper covered steel 31.0 ohm/M' 101.7 ohm/km	0.18	4.57	0.273 x 0.416	6.99 x 10.57	Duobond® II +60% aluminum braid 12.90 ohm/M' 42.30 ohm/km	75	82%	16.2	53.1
9066		1000	304.8	32.6	18 (solid) .040 bare copper covered steel 31.0 ohm/M' 101.7 ohm/km	0.18	4.57	0.27	6.86	Duobond® II +60% aluminum braid 12.90 ohm/M' 42.30 ohm/km	75	82%	16.2	53.1
1530A NEC CATV CM CEC CM	U-1000 1000 E-700	U-304.8 304.8 E-213.3	39.1 39.1 286.4	18 (solid) .040 bare copper covered steel 31.0 ohm/M' 101.7 ohm/km	0.18	4.57	0.27	6.86	Duobond II +90% aluminum braid 7.90 ohm/M' 25.9 ohm/km	75	82%	16.2	53.1	
1530AP NEC CATVP CMP CEC CMP	U-1000 1000	U-304.8 304.8	39.1 39.1	18 (solid) .040 bare copper covered steel 31.0 ohm/M' 101.7 ohm/km	0.17	4.32	0.235	5.97	Duofoil® +90% aluminum braid 7.90 ohm/M' 25.9 ohm/km	75	82%	16.2	53.1	
1613A NEC CATV CM CEC CM	U-1000 1000 E-700	U-304.8 304.8 E-213.3	29.3 31.9 226	18 (solid) .040 bare copper covered steel 31.0 ohm/M' 101.7 ohm/km	0.18	4.57	0.275	6.99	Duobond III (TRI) + 80% aluminum braid 6.9 ohm/M' 22.6 ohm/km	75	82%	16.2	53.1	
9062		1000	304.8	34.6	18 (solid) .040 bare copper covered steel 31.0 ohm/M' 101.7 ohm/km	0.18	4.57	0.275	6.99	Duobond® Plus +80% aluminum braid 7.0 ohm/M' 23.0 ohm/km	75	82%	16.2	53.1
1189A NEC CATV CM CEC CM	U-1000 1000 E-700	U-304.8 304.8 E-213.3	39.6 39.6 290.6	18 (solid) .040 bare copper covered steel 31.0 ohm/M' 101.7 ohm/km	0.18	4.57	0.298	7.57	Duobond IV 60% & 40% aluminum braids 7.0 ohm/M' 23.6ohm/km	75	82%	16.2	53.1	
87120 NEC CMP CATVP CEC CMP	500 1000	152.4 304.8	23.1 46.2	18 (solid) .040 bare copper covered steel 21.7 ohm/M' 71.2 ohm/km	0.17	4.32	0.234	5.94	Duofoil +95% tinned copper braid 1.7 ohm/M' 5.6 ohm/km	75	82%	16.2	53.1	
1523A NEC CATV CM CEC CM		1000	304.8	70	14 (solid) .064 bare copper covered steel 11.0 ohm/M' 36.1 ohm/km	0.28	7.11	0.4	10.16	Duobond® II +60% aluminum braid 4.1 ohm/M' 13.4 ohm/km	75	82%	16.2	53.1

(con't)  
**Product Description:** Black PVC jacket. Sweep tested 5 MHz-1 GHz, 20 dB Min. 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	
					Inch	mm	Inch	mm				pF/ft	pF/m
	Type	ft.			m	Inch	mm	Inch				mm	pF/ft
1523R NEC CATVR CMR CEC CMR	1000	304.8	70	14 (solid) .064 bare copper covered steel 11.0 ohm/M' 36.1 ohm/km	0.28	7.11	0.4	10.16	Duobond® II +60% aluminum braid 4.1 ohm/M' 13.4 ohm/km	75	82%	16.2	53.1

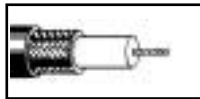
**Brilliance® Standard Analog Video Cables** **75 Ohm Miniature Coax**



**Product Description:** Black PVC jacket. Foam High Density Polyethylene



**Product Description:** Polyethylene, Black PVC jacket.



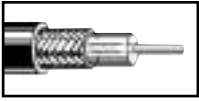
**Product Description:** Polyethylene, PVC jacket. U-1000, Red, Yellow, Green, Lt. Blue, White, Orange, Black

**Product Description:** Black PVC jacket Flame. Retardant Semi-Foam Polyethylene

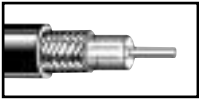
**Product Description:** Polyethylene, Black PVC jacket.

**Product Description:** Foam Polyethylene, Matte Black, Red, Blue, Green, White, Gray or Yellow PVC jacket.

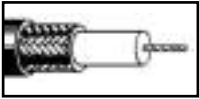
Belden Part No. UL NEC C(UL) CEC	Standard Lengths		Std Unit Lbs. ea	AWG (stranding) Dia. In In.) Nom. D.C.R.	Insulation & Nominal Core O.D.		Nominal O.D.		No. of Shields & Material Nom. D.C.R.	Nom. Imp. (ohms)	Nom. Vel. of Prop.	Nominal Capacitance	
					Inch	mm	Inch	mm				pF/ft	pF/m
	Type	ft.			m	Inch	mm	Inch				mm	pF/ft
9221	100 U-500 500	30.5 U-152.4 152.4	0.9 4 3.5	30 (7x38) 0.012 tinned copper 100.0 ohm/M' 328.0 ohm/km	0.58	1.47	0.097	2.46	Tinned copper braid 89% shield coverage 11.7 ohm/M' 38.4 ohm/km	75	78%	17.3	56.8
8218	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	1.6 7.3 7 15.4 15.5	27 (7x35) .017 bare copper covered steel 120.0 ohm/M' 393.7 ohm/km	0.1	2.54	0.15	3.81	Tinned copper braid 93% shield coverage 5.7 ohm/M' 18.7 ohm/km	75	66%	20.5	67.3
8241 NEC CMX CEC CMX	25 Black 100 Black U-1000  U-500 50 100 500 1000 2000 5000 Black	7.6 30.5 30.5 U-304.8 U-152.4 15.2 30.5 152.4 304.8 609.6 1524	1.3 4.3 38.9 20 2.3 4 19.2 38.2 79.8 196.5	23 (solid) .023 bare copper covered steel 47 ohm/M' 154.2 ohm/km	0.146	3.71	0.242	6.15	Bare copper braid 95% shield coverage 2.6 ohm/M' 8.5 ohm/km	75	66%	20.5	67.3
8241A NEC CMG CEC CMG	500 U-1000 1000	152.4 U-304.8 304.8	21 41.5 40.1	23 (solid) .023 bare copper covered steel 47 ohm/M' 154.2 ohm/km	0.146	3.71	0.242	6.15	Bare copper braid 95% shield coverage 2.6 ohm/M' 8.5 ohm/km	75	66%	20.5	67.3
8241B NEC CM CEC CM	500 U-1000 1000	152.4 U-304.8 304.8	18.6 36.8 37	23 (solid) .023 bare copper 204. Ohm/M' 66.9 ohm/km	0.146	3.71	0.242	6.15	Bare copper braid 95% shield coverage 2.9 ohm/M' 9.5 ohm/km	75	66%	20.5	67.3
8241F	1000	304.8	33.8	22 (7x30) .030 bare copper 15.0 ohm/M' 49.2 ohm/km	0.146	3.71	0.242	6.15	Bare copper braid 95% shield coverage 2.6 ohm/M' 8.5 ohm/km	75	78%	17.3	56.8



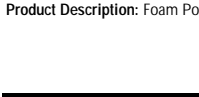
Product Description: FEP. Black FEP jacket.



Product Description: FEP. Black FEP jacket.



Product Description: Polyethylene, Black non-contaminating PVC jacket.



Product Description: Foam Polyethylene, Gray, White, or Black PVC jacket.

Belden Part No. UL NEC C(UL) CEC Type	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
	88241 NEC CMP CEC CMP	100 500 1000			30.5 152.4 304.8	6.1 22 44	23 (solid) .023 bare copper covered steel 52.0 ohm/M' 170.6 ohm/km	0.134 3.4				0.193 4.9	Bare copper braid 97% shield coverage 2.6 ohm/M' 8.5 ohm/km
82241	U-500 U-1000 1000	U-152.4 U-304.8 304.8	18.9 36.5 42.4	23 (solid) .023 bare copper covered steel 52.0 ohm/M' 170.6 ohm/km	0.134 3.4	0.193 4.9	Bare copper braid 97% shield coverage 2.6 ohm/M' 8.5 ohm/km	75	69.50%	19.5	64		
8263	U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	18.1 18.8 37.3 36.1	23 (solid) .023 bare copper covered steel 47 ohm/M' 154.2 ohm/km	0.146 3.71	0.242 6.15	Bare copper braid 95% shield coverage 2.6 ohm/M' 8.5 ohm/km	75	66%	20.5	67.3		
8221	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	3.8 17 17.8 34.4 33.9	22 (solid) .025 bare copper covered steel 50.0 ohm/M' 164.0 ohm/km	0.146 3.71	0.242 6.15	Bare copper braid 95% shield coverage 2.6 ohm/M' 8.5 ohm/km	80	78%	16.3	53.5		

## Precision Video Cables for Analog and Digital Applications 75 ohm Precision Video Cables

### Analog Video

Belden precision video cables are used in critical analog video circuits and high quality applications such as live broadcast in network studios and pre- or post-production facilities. They should be used anywhere superior signal integrity is required.

Precision video cables usually have solid center conductors and dual shields. The dielectrics can either be foamed or solid. Tighter impedance an attenuation tolerances, superior structural return loss (SRL) specifications, and improved shielding give precision video cables their no-compromise performance.

The frequency response loss curves of the solid dielectric cables are different from those with foam dielectric. Therefore different equalization equipment is necessary and commercially available.

## Precision Video Cables for Analog and Digital Applications 75 ohm Precision Video Cables

### Digital Broadcast

Precision video cables are also recommended for the latest digital video applications. Since its inception in the early 80's, digital broadcast is quickly becoming the preferred video format. The advantages of the digital format are many. Digital is very stable minimizing equipment adjustments. Copies or reproductions retain the quality of the original. Signal degradation is virtually eliminated, and noise immunity is greatly improved. Digital video is transmitted over a cable in either a Parallel or Serial format.

## Sub-Miniature RG-59U Type



Product Description: Gas injected Brown, Red, Orange, yellow,green, blue, violet, gray,white, or black PVC jacket.100% Sweep Tested.

Belden Part No. UL NEC C(UL) CEC Type	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
	1505A	500 1000			152.4 304.8	16.8 32.1	20 (solid) .032 bare copper 10.0 ohm/M' 32.8 ohm/km	0.145 3.68				0.235 5.97	Duofoil® +95% tinned copper braid 3.5ohm/M' 11.5ohm/km





**Product Description:** Foam FEP Brown, Red, Orange, yellow, green, blue, violet, gray, white, or black Flamarest® jacket.

Belden Part No. UL NEC C(UL) CEC Type	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
	1506A	500 1000			152.4 22.5	15 28.8	20 (solid) .032 bare copper 9.9 ohm/M' 32.5 ohm/km	0.135 3.43					0.199 5.05

## Double Braided RG-59/U Type



**Product Description:** Polyethylene Red, yellow, green light blue, white, orange, or black polyethylene jacket 100% Sweep tested.

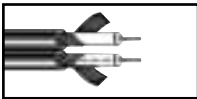
**Product Description:** FEP. Tinned Black fluorocopolymer jacket.

Belden Part No. UL NEC C(UL) CEC Type	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
	8281	500 1000			152.4 304.8	36.1 73.5	20 (solid) .031 bare copper 9.9 ohm/M' 32.5 ohm/km	0.198 5.03					0.305 7.75
88281 NEC CMP CEC CMP	500 1000	152.4 304.8	48.2 91.7	20 (solid) .032 Bare Copper 9.9 ohm/M' 32.5 ohm/km	0.185 4.7		0.271 6.88		Tinned copper double braid 98% shield coverage 1.1 ohm/M' 3.6 ohm/km	75	69.5%	19.5	64

## Brilliance® High Flex SVHS Cables

The Super VHS (SVHS) video format (also known as Y/C) requires two coaxial cables to allow for separate transmission of the two parts of a VHS video signal; the luminance (Y) and chrominance (C). The chrominance signal contains the color information and the luminance the black and white or brightness information of the video signal. This separated transmission of the VHS video signal provides better picture resolution with less noise than does the standard VHS format. Belden's cables have been designed specifically for use in this format. Belden's SVHS cables are available in two popular constructions: a Zip style dual coax and a Round jacketed version. The Zip construction provides for quick and easy termination. The Round design provides better aesthetics and is more rugged. Both cables are highly flexible.

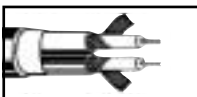
### Parallel Zip Construction



**Product Description:** Foam High Density Polyethylene. Black Matte PVC jacket. One coax printed and striped for identification.

Belden Part No. UL NEC C(UL) CEC Type	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
	1807A	100 U-500 500 U-1000 1000			30.5 U-152.4 152.4 U-304.8 304.8	2.6 8.4 8.8 16.1 21	30 (7x38) 0.012 tinned copper 103.2ohm/M' 337.9ohm/km	0.58 1.47					0.11 X 0.23 0.361 X 0.754

### Round Construction

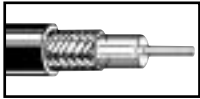


**Product Description:** Foam High Density Polyethylene. Overall Black Matte PVC jacket; inner PVC jackets color coded: Black and Yellow. Coax O.D's

1808A	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U-304.8 304.8	4.4 17.1 17.5 34.2 34.7	30 (7x38) 0.012 tinned copper 103.2ohm/M' 337.9ohm/km	0.58 1.47 0.11 0.361		0.255 0.836		Tinned copper serve 90% shield coverage 7.5 ohm/M' 24.6 ohm/km	75	78%	17.3	56.7
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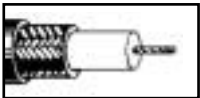
## Brilliance 50 ohm Transmission and Computer Cables RG-58 Type



Product Description: Polyethylene. Black PVC jacket.



Product Description: FEP. Black PVC jacket



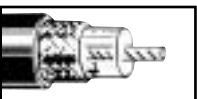
Product Description: Foam Polyethylene, Black or White PVC jacket.



Product Description: Polyethylene. Black PVC jacket.

Belden Part No. UL NEC C(UL) CEC Type	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
8240 NEC CMX CEC CMX	50 100 500 U-500 U-1000 1000	15.2 30.5 152.4 U-152.4 U-304.8 304.8	1.7 2.9 13.4 14.1 26 26.6	20 (solid) .033 bare copper 10.0 ohm/M' 32.8ohm/km	0.116 2.95	0.193 4.9	Tinned copper braid 95% shield coverage 4.1ohm/M' 13.4ohm/km	51.5	66%	29.9	98.1		
88240 NEC CMP CEC CMP	100 500 1000	30.5 152.4 304.8	5.1 16.7 30.6	20 (solid) .032 bare copper 10.2 ohm/M' 33.5 ohm/km	0.107 2.72	0.159 4.04	Tinned copper braid 95% shield coverage 6.7ohm/M' 22.0ohm/km	53.5	69.5%	27.5	90.2		
8219	100 Bk only U-500 500 U-1000 1000	30.5 U-152.4 152.4 U304.8 304.8	2.7 13.9 14.1 26.9 26.9	20 (19x32) .037 tinned copper 8.8 ohm/M' 28.9 ohm/km	0.114 2.9	0.195 4.95	Tinned copper braid 96% shield coverage 4.1 ohm/M' 13.4 ohm/km	53.5	73%	26.5	86.9		
8259	100 U-500 500 U-1000 1000	30.5 U-152.4 152.4 U304.8 304.8	2.9 13 13.6 25.9 26	20 (19x33) 0.035 tinned copper 10.8 ohm/M' 35.4 ohm/km	0.116 2.95	0.193 4.9	Tinned copper braid 95% shield coverage 4.1 ohm/M' 13.4 ohm/km	50	66%	30.8	101.1		

## RG-8/U Type



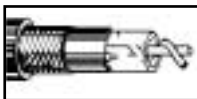
Product Description: Polyethylene. Black PVC jacket.



Product Description: Polyethylene. Black non-contaminating PVC jacket.



Product Description: Foam Polyethylene. Black PVC jacket.



Product Description: Semi-solid Polyethylene. Black PVC jacket.

8237 NEC CMX CEC CMX	50 100 500 1000	15.2 30.5 152.4 304.8	5.8 11.8 61.5 119.2	13 (7x21) .085 bare 1.9 ohm/M' 6.2 ohm/km	0.285 7.24	0.405 10.29	Bare copper braid 97% shield coverage 1.2 ohm/M' 3.9 ohm/km	52	66%	29.5	96.8		
9251 NEC CMX CEC CMX	100 500 1000	30.5 152.4 304.8	10.9 55.6 107.5	13 (7x21) .085 bare copper 1.9 ohm/M' 6.2 ohm/km	0.285 7.24	0.405 10.29	Bare copper braid 97% shield coverage 1.2 ohm/M' 3.9 ohm/km	52	66%	29.5	96.8		
8214 NEC CM CEC CM	50 100 500 1000	15.2 30.5 152.4 304.8	5.8 10.7 57.8 111.8	11 (7x19) .108 bare copper 1.2 ohm/M' 3.9 ohm/km	0.285 7.24	0.403 10.24	Bare copper braid 97% shield coverage 1.1 ohm/M' 3.6 ohm/km	50	78%	26	85.3		
9913	100 250 500 1000	30.5 76.2 152.4 304.8	17.9 31.3 56.5 110.5	10 (solid) .108 bare copper 0.90 ohm/M' 3.0 ohm/km	0.286 7.26	0.405 10.29	Duobond® II 90% tinned copper braid 1.8 ohm/M' 5.9 ohm/km	50	84%	24.6	80.7		

## RG-9/U Type



Product Description: Polyethylene. Gray non-contaminating PVC jacket..

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. 66%	Nominal Capacitance	
	ft.	m			Inch	mm	Inch	mm				pF/ft	pF/m
8242 NEC CMX CEC CMX	100 1000	30.5 304.8	13.8 132.8	13 (7x21) .086 silver coated copper 1.9 ohm/M' 6.2 ohm/km	0.28	7.11	0.42	10.67	2 braids inner: silver coated outer: bare copper 97% shield coverage 0.7 ohm/M' 2.3 ohm/km	51	66%	30	98.4

## RG-174/u Type



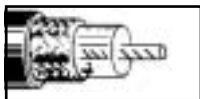
Product Description: Polyethylene. Black PVC jacket.

8216	100 500 1000	30.5 152.4 304.8	0.8 4.4 8.1	26 (7x34) .019 bare copper covered steel 97ohm/M' 318.2 ohm/km	0.059	1.5	0.11	2.79	Tinned copper braid 90% shield coverage 10.3 ohm 33.8 ohm/km	50	66%	30.8	101
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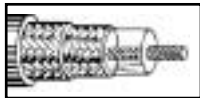
## MIL-C-17G QPL Cables



Product Description: Polyethylene. Black non-contaminating PVC jacket.



Product Description: Polyethylene. Black non-contaminating PVC jacket.



Product Description: Polyethylene. Black non-contaminating PVC jacket.

8262	U-500 500 U-1000 1000	U-152.4 152.4 U-304.8 304.8	12.5 12.5 24.9 24.9	20 (19x33) .035 tinned copper 10.8 ohm/M' 35.4 ohm/km	0.116	2.95	0.195	4.9	Tinned copper braid 95% shield coverage 4.1 ohm/M' 13.4 ohm/km	50	66%	30.8	101
8267 NEC CMX CEC CMX	500 1000	152.4 304.8	51.7 102.3	13 (7x21) .089 bare copper 1.7 ohm/M' 5.6 ohm/km	0.285	7.24	0.405	10.29	Bare copper braid 97% shield coverage 1.2 ohm/M' 3.9 ohm/km	50	66%	30.8	101
8268 NEC CMX CEC CMX	500 1000	152.4 304.8	63.2 126.5	13 (7x21) .089 silver coated copper 1.7 ohm/M' 5.6 ohm/km	0.285	7.24	0.425	10.8	2 silver coated copper braids 97% shield coverage .70 ohm/M' 2.3 ohm/km	50	66%	30.8	101

## Coaxial Computer and Instrumentation Cables

93 ohm



Product Description: Semi Solid Polyethylene. Black PVC jacket. Color jackets available with U-1000 put-up.

9269 NEC CM CL2 CEC CM	100 250 U-500 500 U-1000 1000 1640 2000 3280 5000	30.5 76.2 U-152.4 152.4 U-304.8 304.8 500 609.6 1000 1524	3.4 6.5 17.2 17.2 34.4 34.4 56.4 68.8 112.9 172.1	22 (solid) .025 bare copper covered steel 41.2 ohm/M' 135.1 ohm/km	0.146	3.71	0.24	6.15	Bare copper braid 95% shield coverage 2.9 ohm/M' 9.5 ohm/km	93	84%	13.5	44.3
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**Product Description:** Semi-Solid Polyethylene Black high density polyethylene jacket. Flooded burial cable.

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	
					Inch	mm	Inch	mm				pF/ft	pF/m
	Type	ft.			m	Inch	mm	Inch				mm	
9228	500	152.4	16.7	22 (solid)	0.146	3.71	0.242	6.15	Bare	93	84%	13.5	44.3
	1000	304.8	33.5	.025 bare					copper				
	2000	609.6	66.9	copper					braid				
	5000	1524	167.3	covered steel					95% shield coverage				
				41.2 ohm/M'					2.9 ohm/M'				
				135.1 ohm/km					9.5 ohm/km				

## Twinaxial Computer and Instrumentation Cables 78 ohm

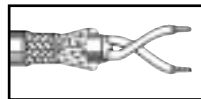
Twinaxial transmission line cables offer low-loss signal transmission which remains unaffected by outside signals or noise fields. Recommended for RF applications requiring a cross-talk free, balanced operation.



**Product Description:** Polyethylene color coded Clear Blue.. Blue PVC jacket.

9463	100	30.5	3.5	20 (7x28)	0.15	3.81	0.243	6.17	Beldfoil®	78	66%	19.7	64.6
NEC CM	U-500	U-152.4	216.5	0.038					+55% tinned				
CL2	500	152.4	17.6	tinned					copper				
CEC CM	U-1000	U-304.8	17.6	copper					braid				
	1000	304.8	35.2	9.5 ohm/M'					4.1ohm/M'				
	6000	1828.7	35.2	31.0 ohm/km					13.4 ohm/km				

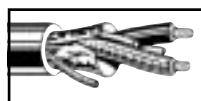
## Twinaxial Computer and Instrumentation Cables 100 ohm



**Product Description:** Polyethylene. Black PVC jacket.

9207	100	30.5	6.3	20 (7x28)	0.236	5.99	0.33	8.38	Duofoil®	100	66%	15.5	50.9
NEC CM	U-500	U-152.4	31.5	0.037					+86% tinned				
CL2	500	152.4	31.5	1 tinned					copper braid				
CEC CM	1000	304.8	62.9	copper					2.5 ohm/M'				
	1640	499.9	103.2	1 bare					8.2 ohm/km				
	2000	609.6	125.9	copper									
	3280	999.7	206.4	9.5 ohm/M'									
	5000	1524	314.6	31.0 ohm/km									

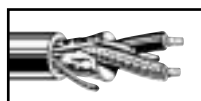
## Twinaxial Computer and Instrumentation Cables 124 ohm



**Product Description:** Polyethylene color coded Clear Blue Blue PVC jacket.

9271	100	30.5	2.5	25 (7x33)	0.17	4.32	0.24	6.1	Beldfoil®	124	66%	12.2	40
NEC CM	U-500	U-152.4	12.4	.021 tinned					w/stranded				
CEC CM	500	152.4	12.4	copper					tinned				
	U-1000	U-304.8	24.9	31.8 ohm/M'					copper				
	1000	304.8	24.9	104.3 ohm/km					drain wire				
									100% shield				
									12.0 ohm/M'				
									39.4 ohm/km				

## Twinaxial Computer and Instrumentation Cables 150 ohm



**Product Description:** Black PVC jacket. Datalene color coded black, yellow.

9182	U-500	U-152.4	19.4	22 (19x34)	0.275	6.98	0.345	8.76	Duofoil®	150	78%	8.8	28.9
NEC CMX	500	152.4	19.4	0.031					with stranded				
CL2X	1000	304.8	38.9	tinned					tinned copper				
CEC CMX				copper					drain wire				
				15 ohm/M'					100% shield coverage				
				49.2 ohm/km					6.3 ohm/M'				
									20.7 ohm/km				

