

Standard Analog Video Cable

75 Ohm Miniature Coax



Belden standard video cables are typically used in non-critical video applications such as video equipment rack wiring, closed circuit TV(CCTV), master antenna TV(MATV) and color or monochrome video monitor hook-ups. Applications such as these do not require Precision Video coaxes which have extremely tight electrical tolerances. (See Precision Video cables, pages 12.48 through 12.56.)

Standard video coaxes are available in both solid and stranded designs. Stranded designs are recommended for flexing applications such as interconnection of CCTV cameras with pan and tilt capabilities, or remote camera hook-ups where the cable is constantly being spooled and despoiled from a reel. Belden's Brilliance high-flex part no. 8241F is ideal for these types of applications.

Video coax cables have a characteristic impedance of 75 ohms. This value was not chosen arbitrarily. Physics shows that optimum attenuation characteristics occur at 77 ohms. Materials and design lead to the selection of 75 ohms as the optimum compromise for low power applications.

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
30 AWG Stranded (7x38) .012" Tinned Copper • 89% Tinned Copper Braid Shield																			
Foam HDPE Insulation • Black PVC Jacket																			
UL AWM Style 1375 (30V 60°C)	9221		100	30.5	2.3	1.0	30 AWG (7x38) .012"	.058	1.47	TC Braid 89% Shield Coverage	.097	2.46	75	78%	17.3	56.8	1	.7	2.3
			U-500	U-152.4	3.5	1.6												4	1.3
		500	152.4	4.5	2.0					TC 11.7Ω/M'							5	1.6	5.2
										100.0Ω/M'							10	2.2	7.2
										328.0Ω/km							50	5.1	16.7
																	100	7.3	23.9
																	200	10.5	34.4
																	400	15.5	50.9
																	1000	26.6	87.3

27 AWG Stranded (7x35) .017" Bare Copper-covered Steel • 93% Tinned Copper Braid Shield

Polyethylene Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 60°C)	8218		U-500	U-152.4	8.0	3.6	27 AWG (7x35) .017"	.100	2.54	TC Braid 93% Shield Coverage	.150	3.81	75	66%	20.5	67.3	1	1.2	3.9
			U-1000	U-304.8	16.0	7.3												10	2.4
			1000	304.8	16.0	7.3				BCCS 5.7Ω/M'							50	4.2	13.8
										120.0Ω/M'							100	5.7	18.7
										393.7Ω/km							200	8.3	27.2
																	400	12.1	39.7
																	700	16.5	54.1
																	900	19.0	62.3
																	1000	20.0	65.6

BCCS = Bare Copper-covered Steel • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper



Standard Analog Video Cable

75 Ohm High-Frequency Cables
Conformable® Coax Cable



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

29 AWG Solid .011" Silver-coated Copper-covered Steel • Copper-Tin Composite Shield (100% Coverage)

TFE Teflon® Insulation • Unjacketed																			
UL AWM	1672A*		500†	152.4	8.0	3.6	29 AWG	.062	1.57	CT	.085	2.21	75	69.5%	19.5	64.0	1	1.2	3.9
Style 10245			1000†	304.8	14.0	6.4	(solid)			Composite							10	2.4	7.9
(30V 105°C)							.011"			100% Shield							50	4.5	14.8
							SCCCS			Coverage							100	6.6	21.6
							205.0Ω/M'			10.2Ω/M'							200	10.0	32.8
							672.4Ω/km			33.5Ω/km							400	15.0	49.2
																	500	17.0	55.8
																	700	21.0	68.9
																	900	24.0	78.7
																	1000	26.0	85.3



TFE Teflon Insulation • PVC Jacket (Black or Clear)

UL AWM	1672J*		100†*	30.5	3.1	1.4	29 AWG	.062	1.57	CT	.127	3.23	75	69.5%	19.5	64.0	1	1.2	3.9
Style 10245			500†	152.4	9.5	4.3	(solid)			Composite							10	2.4	7.9
(30V 105°C)			1000†	304.8	17.0	7.7	.011"			100% Shield							50	4.5	14.8
							SCCCS			Coverage							100	6.6	21.6
							205.0Ω/M'			10.2Ω/M'							200	10.0	32.8
							672.4Ω/km			33.5Ω/km							400	15.0	49.2
																	500	17.0	55.8
																	700	21.0	68.9
																	900	24.0	78.7
																	1000	26.0	85.3

*100 ft. put-up available in Clear only.

29 AWG Solid .011" Silver-plated Copper • Copper-Tin Composite Shield (100% Coverage)

TFE Teflon Insulation • Unjacketed																			
UL AWM	1672B*		100†	30.5	3.3	1.5	29 AWG	.062	1.57	CT	.087	2.21	75	69.5%	19.5	64.0	1	1.2	3.9
Style 10245	new		500†	152.4	8.0	3.6	(solid)			Composite							10	2.4	7.9
(30V 105°C)			1000†	304.8	14.0	6.4	.011"			100% Shield							50	4.5	14.8
							SPC			Coverage							100	6.6	21.7
							81.2Ω/M'			10.2Ω/M'							200	10.0	32.8
							266.4Ω/km			33.5Ω/km							400	15.0	49.2
																	500	17.0	55.8
																	700	21.0	68.9
																	900	24.0	78.7
																	1000	26.0	85.3

Non-ferrous design.

CT = Copper Tin • DCR = DC Resistance • SCCC = Silver-coated Copper-covered Steel • SPC = Silver-plated Copper

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

*Protected by one or more of U.S. Patent Nos. 4,694,122 and 5,292,001. Patent held in the U.S., Singapore, Australia, Germany, France and England. Patent pending in Japan.

- †50 ft. put-up: Exact 1 piece
- 100 ft. put-up: Exact 2 pieces (maximum), 25 feet minimum length
- 250 ft. put-up: Exact 3 pieces (maximum), 25 feet minimum length
- 500 ft. put-up: Exact 4 pieces (maximum), 25 feet minimum length
- 1000 ft. put-up: Exact 3 pieces (maximum), 328 feet minimum length

Teflon is a DuPont trademark.



Standard Analog Video Cable

75 Ohm Coax
RG-59/U Type



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

22 AWG Solid Bare Copper-covered Steel • Bare Copper Braid Shield

Polyethylene Insulation • Black PVC Jacket

 UL AWM Style 1354 (30V 60°C)	8263	NEC:	U-500	U-152.4	19.5	8.9	23 AWG (solid) .023" BCCS 49.0Ω/M' 160.7Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.242	6.15	75	66%	20.5	67.3	1	.6	2.0
		CMX:	U-1000	U-304.8	39.0	17.7											10	1.1	3.6
		CEC:	1000	304.8	38.0	17.3											50	2.4	7.9
		CMX:															100	3.4	11.2
																	200	4.9	16.1
					400	7.0	23.0												
					700	9.7	31.8												
					900	11.1	36.4												
					1000	12.0	39.4												

Non-contaminating Black PVC Jacket.

 UL AWM Style 1354 (30V 80°C)	9244	NEC:	U-500	U-152.4	18.0	8.2	22 AWG (solid) .025" BCCS 50.0Ω/M' 164.0Ω/km	.146	3.71	BC Braid 85% Shield Coverage 4.5Ω/M' 14.8Ω/km	.242	6.15	75	66%	19.4	63.6	1	.6	2.0
		CMX:	U-1000	U-304.8	36.0	16.4											10	1.1	3.6
		CEC:	1000	304.8	36.0	16.4											50	2.4	7.9
		CMX:	3280	1000.0	118.1	53.8											100	3.4	11.2
																	200	4.9	16.1
					400	7.0	23.0												
					700	9.7	31.8												
					900	11.1	36.4												
					1000	12.0	39.4												

Foam Polyethylene Insulation • Black PVC Jacket

 75°C	8221		U-500	U-152.4	18.5	8.4	22 AWG (solid) .025" BCCS 50.0Ω/M' 164.0Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.242	6.15	80	78%	16.3	53.5	1	.4	1.4
			500	152.4	18.5	8.4											10	.9	3.0
			U-1000	U-304.8	36.0	16.4											50	2.0	6.6
			1000	304.8	36.0	16.4											100	2.9	9.5
																	200	4.1	13.4
					400	5.9	19.4												
					700	7.8	25.6												
					900	8.8	28.9												
					1000	9.9	32.5												

22 AWG Stranded (7x30) .030" Bare Copper • 95% Bare Copper Braid Shield

Foam Polyethylene Insulation • Black PVC Jacket

 UL AWM Style 1354 (30V 60°C) VW-1	9659	NEC:	U-500	U-152.4	18.0	8.2	22 AWG (7x30) .030" BC 15.0Ω/M' 49.2Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.242	6.15	75	78%	17.3	56.7	1	.3	1.0
		CMX:	U-1000	U-304.8	36.0	16.4											10	.9	3.0
		CEC:	1000	304.8	36.0	16.4											50	2.1	6.9
		CMX:															100	3.0	9.8
																	200	4.5	14.8
					400	6.6	21.6												
					700	8.9	29.2												
					900	10.1	33.1												
					1000	10.9	35.8												

Non-contaminating PVC Jacket. For CCTV applications.

 UL AWM Style 1354 (30V 80°C)	9259	NEC:	100	30.5	4.6	2.1	22 AWG (7x30) .030" BC 15.0Ω/M' 49.2Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.241	6.12	75	78%	17.3	56.7	1	.3	1.0
		CM	U-500	U-152.4	18.5	8.4											10	.9	3.0
		CEC:	500	152.4	20.5	9.3											50	2.1	6.9
		CM	U-1000	U-304.8	36.0	16.4											100	3.0	9.8
			1000	304.8	36.0	16.4											200	4.5	14.8
					400	6.6	21.7												
					700	8.9	29.2												
					900	10.1	33.1												
					1000	10.9	35.8												

For CCTV applications.

Plenum • Foam FEP Insulation • Black FEP Jacket

 200°C	89259	NEC:	100	30.5	5.1	2.3	22 AWG (7x30) .030" BC 15.0Ω/M' 49.2Ω/km	.135	3.43	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.193	4.90	75	78%	17.3	56.7	1	.3	1.0
		CMP	500†	152.4	18.0	8.2											10	.9	3.0
		CEC:	1000†	304.8	34.0	15.5											50	2.1	6.9
		CMP FT6															100	3.0	9.8
																	200	4.5	14.8
					400	6.6	21.6												
					700	9.0	29.5												
					900	10.1	33.1												
					1000	11.0	36.1												

Suitable for Outdoor and Direct Burial applications.

Plenum • Foam FEP Insulation • Natural Flamarrest® Jacket

 75°C	82259	NEC:	U-1000†	U-304.8	31.0	14.1	22 AWG (7x30) .030" BC 15.0Ω/M' 49.2Ω/km	.135	3.43	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.193	4.90	75	78%	17.3	56.7	1	.3	1.0
		CMP	1000†	304.8	33.0	15.0											10	.9	3.0
		CEC:															50	2.1	6.9
		CMP FT6															100	3.0	9.8
																	200	4.5	14.8
					400	6.6	21.6												
					700	9.0	29.5												
					900	10.1	33.1												
					1000	11.0	36.1												

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. 1-800-BELDEN-1. Request quotations of RG/U cables not listed.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.



Standard Analog Video Cable

75 Ohm Coax
RG-59/U Type



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

20 AWG Solid .032" Bare Copper-covered Steel • Bare Copper Braid Shield

Foam Polyethylene Insulation • Black PVC Jacket																			
75°C	9240		1000†	304.8	30.0	13.6	20 AWG (solid) .032"	.143	3.63	BC Braid 80% Shield Coverage	.241	6.12	75	78%	17.3	56.7	1	.6	2.0
							BCCS			5.6Ω/M'							10	1.0	3.3
							44.5Ω/M'			18.4Ω/km							50	2.1	6.9
							146.0Ω/km										100	3.0	9.8
																	200	4.5	14.8
																	400	6.6	21.6
																	700	8.9	29.2
																	900	10.1	33.1
																	1000	10.9	35.8

Foam Polyethylene Insulation • Black Polyethylene Jacket																			
80°C	8212		U-500	U-152.4	16.5	7.5	20 AWG (solid) .032"	.143	3.63	BC Braid 95% Shield Coverage	.242	6.15	75	78%	17.3	56.7	1	.6	2.0
			500	152.4	19.0	8.6	BCCS			2.6Ω/M'							10	1.0	3.3
			U-1000	U-304.8	32.0	14.5	44.5Ω/M'			8.5Ω/km							50	2.1	6.9
			1000	304.8	32.0	14.5	146.0Ω/km										100	3.0	9.8
																	200	4.5	14.8
																	400	6.6	21.6
																	700	8.9	29.2
																	900	10.1	33.1
																	1000	10.9	35.8

Foam Polyethylene Insulation • Black PVC Jacket																			
80°C	9274	NEC: CM	500	152.4	16.5	7.5	20 AWG (solid) .032"	.143	3.63	BC Braid 95% Shield Coverage	.240	6.10	75	78%	17.3	56.7	1	.6	2.0
		CEC: CM	1000	304.8	32.0	14.5	BCCS			3.5Ω/M'							10	1.0	3.3
							44.5Ω/M'			11.5Ω/km							50	2.1	6.9
							146.0Ω/km										100	3.0	9.8
																	200	4.5	14.8
																	400	6.6	21.6
																	700	8.9	29.2
																	900	10.1	33.1
																	1000	10.9	35.8

20 AWG Solid .032" Bare Copper Conductor • 95% Bare Copper Braid Shield

Gas-injected Foam HDPE Insulation • Black PVC Jacket																			
UL AWM Style 1354 (30V 75°C)	1426A	NEC: CM	U-1000	U-304.8	38.0	17.3	20 AWG (solid) .032"	.145	3.68	BC Braid 95% Shield Coverage	.242	6.15	75	83%	16.3	53.5	1	.3	1.0
							BCCS			2.6Ω/M'							10	.9	3.0
							10.0Ω/M'			8.5Ω/km							50	1.9	6.2
							32.8Ω/km										100	2.6	8.5
																	200	3.6	11.8
																	400	5.0	16.4
																	700	7.0	23.0
																	900	8.0	26.3
																	1000	8.5	27.9

Series 59 • 20 AWG Solid .032" Bare Copper-covered Steel • Foil + Braid Shield

Gas-injected Foam Polyethylene Insulation • Black PVC Jacket																				
80°C	9275	NEC: CATV CM	U-500	U-152.4	12.0	5.5	20 AWG (solid) .032"	.144	3.66	Duofoil® + 40% Aluminum Braid	.237	6.02	75	83%	16.2	53.1			See Chart on page 6.88	
		CEC: CM	U-1000*	U-304.8	24.0	10.9	BCCS			17.0Ω/M'										
			1000	304.8	24.0	10.9	44.5Ω/M'			55.8Ω/km										
							146.0Ω/km													

*U-1000 ft. put-up also available in White.

80°C	9100	NEC: CATV CM	U-500	U-152.4	12.0	5.5	20 AWG (solid) .032"	.144	3.66	Duobond® II + 40% Aluminum Braid	.237	6.02	75	83%	16.2	53.1			See Chart on page 6.88	
		CEC: CM	U-1000*	U-304.8	24.0	10.9	BCCS			17.0Ω/M'										
			1000	304.8	24.0	10.9	44.5Ω/M'			55.8Ω/km										
							146.0Ω/km													

*U-1000 ft. put-up also available in White.

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. 1-800-BELDEN-1. Request quotations of RG/U cables not listed.

†Spools and/or UnReel® cartons are one piece, but length may vary ±5% from length shown.




Standard Analog Video Cable


75 Ohm Coax
RG-11/U Type




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


18 AWG Stranded (7x26) .048" Tinned Copper • 97% Bare Copper Braid Shield

Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket																			
80°C	8238	NEC:	500	152.4	59.0	26.8	18 AWG (7x26)	.285	7.24	BC Braid	.405	10.29	75	66%	20.5	67.2	1	.2	.6
		CM	1000	304.8	117.0	53.2	.048"			97% Shield Coverage							10	.7	2.2
		CEC:					TC										50	1.3	4.3
		CM					6.1Ω/M'			1.2Ω/M'							100	2.0	6.6
							20.0Ω/km			3.9Ω/km							200	2.9	9.5
																	400	4.2	13.8
																	700	5.8	19.0
																	900	6.8	22.3
																	1000	7.1	23.3


Polyethylene Insulation • Non-contaminating Black PVC Jacket																			
60°C	8261		500	152.4	52.5	23.9	18 AWG (7x26)	.285	7.24	BC Braid	.405	10.29	75	66%	20.5	67.2	1	.2	.6
VW-1			1000	304.8	104.0	47.3	.048"			97% Shield Coverage							10	.7	2.2
							TC										50	1.3	4.3
							6.1Ω/M'			1.2Ω/M'							100	2.0	6.6
							20.0Ω/km			3.9Ω/km							200	2.9	9.5
																	400	4.2	13.8
																	700	5.8	19.0
																	900	6.8	22.3
																	1000	7.1	23.3

14 AWG Solid .064" Bare Copper • Dufoil® + Tinned Copper Braid Shield

Gas-injected Foam HDPE Insulation • Black PVC Jacket																			
80°C	9292		1000	304.8	81.0	36.8	14 AWG (solid)	.280	7.11	Dufoil + 60% TC Braid	.405	10.29	75	84%	16.1	52.8	1	.2	.6
							.064"										10	.5	1.6
							BC			3.0Ω/M'							50	.9	3.0
							2.6Ω/M'			9.8Ω/km							100	1.3	4.3
							8.5Ω/km										200	1.6	5.3
																	400	2.3	7.6
																	700	3.3	10.8
																	900	4.0	13.1
																	1000	4.3	14.1

Plenum • Foam FEP Insulation • Black FEP Jacket																			
200°C	89292	NEC:	500†	152.4	39.5	18.0	14 AWG (solid)	.274	6.96	Dufoil + 63% TC Braid	.346	8.79	75	83%	16.2	53.1	1	.2	.5
		CMP	1000†	304.8	77.0	35.0	.064"										10	.4	1.3
		CATVP					BC			3.0Ω/M'							50	1.0	3.3
		CEC:					2.5Ω/M'			9.8Ω/km							100	1.5	4.9
		CMP FT6					8.2Ω/km										200	2.2	7.2
																	400	3.3	10.8
																	700	4.5	14.8
																	900	5.2	17.1
																	1000	5.5	18.0

14 AWG Solid .064" Bare Copper • 97% Bare Copper Braid Shield

Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket																			
80°C	8213		500	152.4	44.0	20.0	14 AWG (solid)	.285	7.24	BC Braid	.405	10.29	75	84%	16.1	52.8	1	.2	.6
			1000	304.8	87.0	39.5	.064"			97% Shield Coverage							10	.4	1.1
			2000	609.6	172.0	78.2	BC			1.1Ω/M'							50	.9	3.0
							2.6Ω/M'			3.6Ω/km							100	1.3	4.3
							8.5Ω/km										200	1.9	6.2
																	400	2.9	9.5
																	700	4.1	13.5
																	900	4.8	15.7
																	1000	5.2	17.1

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • TC = Tinned Copper

Contact the Belden Customer Service Department for a Comprehensive Connector Cross Reference. **1-800-BELDEN-1**. Request quotations of RG/U cables not listed.

†Spools and/or UnReel® cartons are one piece, but length may vary ±10% from length shown.



Video Triax Cable

RG-11/U Type



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

14 AWG Solid .064" Bare Copper • Two Bare Copper Braids (95% Shield Coverage)

Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket (Polyethylene Insulation between Braids)																			
80°C	8233		500	152.4	63.0	28.6	14 AWG (solid)	.285	7.24	(2) BC Braids 95% Coverage	.475	12.07	75	84%	16.1	52.8	1	.2	.7
			1000	304.8	122.0	55.5	.064"			Inner:							3.6	.3	1.0
			2000	609.6	240.0	109.1	BC			Outer:							10	.4	1.3
							2.5Ω/M'			1.6Ω/M'							71.5	1.1	3.6
							8.2Ω/km			5.2Ω/km							135	1.5	4.9
										1.4Ω/M'							270	2.3	7.5
										4.6Ω/km							360	2.7	8.9
																	540	3.5	11.5
																	720	4.2	13.8
																	1000	5.2	17.1
																	1500	7.1	23.3
																	2250	9.6	31.5
																	3000	12.0	39.4

Suitable for Outdoor and Direct Burial applications.

Gas-injected Foam HDPE Insulation • Black PVC Jacket (PVC Insulation between Braids)																			
80°C	8233A	NEC: 1000	304.8	142.0	64.5	14 AWG (solid)	.285	7.24	(2) BC Braids 95% Coverage	.475	12.07	75	84%	16.1	52.8	1	.2	.7	
		CMR 2000	609.6	240.0	109.1	.064"			Inner:								3.6	.3	1.0
		CEC: 4000	1219.2	574.0	260.9	BC			Outer:								10	.4	1.3
		CMG FT4				2.5Ω/M'			1.6Ω/M'								71.5	1.1	3.6
						8.2Ω/km			5.2Ω/km								135	1.5	4.9
									1.4Ω/M'								270	2.3	7.5
									4.6Ω/km								360	2.7	8.9
																	540	3.5	11.5
																	720	4.2	13.8
																	1000	5.2	17.1
																	1500	7.1	23.3
																	2250	9.6	31.5
																	3000	12.0	39.4

Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket (PE Insulation between Braids; Flooding Compound on Outer Braid)																			
Flooded	7803A		500	152.4	64.0	29.1	14 AWG (solid)	.285	7.24	(2) BC Braids 95% Coverage	.475	12.07	75	84%	16.1	52.8	1	.2	.7
80°C	NEW		1000	304.8	123.0	55.9	.064"			Inner:							3.6	.3	1.0
			3000	914.4	381.0	173.2	BC			Outer:							10	.4	1.3
							2.5Ω/M'			1.6Ω/M'							71.5	1.1	3.6
							8.2Ω/km			5.2Ω/km							135	1.5	4.9
										1.4Ω/M'							270	2.3	7.5
										4.6Ω/km							360	2.7	8.9
																	540	3.5	11.5
																	720	4.2	13.8
																	1000	5.2	17.1
																	1500	7.1	23.3
																	2250	9.6	31.5
																	3000	12.0	39.4

Suitable for Outdoor and Direct Burial applications.

BC = Bare Copper • DCR = DC Resistance • HDPE = High-density Polyethylene • PE = Polyethylene

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