

**Video Triax Cable**

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** Stranded (19x34) .031" Bare Copper Conductor • Double Bare Copper Braid Shield (95% Coverage)**Foam Polyethylene Insulation • Belflex® Jacket** (Red, Yellow, Green, Blue, Purple or Black. Polyethylene Insulation between Braids)

<b>High-Flex</b> 75°C	<b>1857A</b>	—	500	152.4	42.5	19.3	22 AWG (19x34) .031"	.143	3.63	(2) BC Braids 95% Coverage	.360	9.14	75	79%	17.0	55.8	1	.3	1.0
			1000	304.8	86.0	39.1											14.0Ω/M' 45.9Ω/km	2.5Ω/M' 8.2Ω/km	1.6Ω/M' 5.3Ω/km
BC																			
Inner:																			
135 3.1 10.2																			
270 4.5 14.8																			
360 5.4 17.7																			
540 6.8 22.3																			
720 8.1 26.6																			
750 8.4 27.6																			
1000 10.1 33.1																			
1500 13.3 43.6																			
2250 17.6 57.7																			
3000 21.4 70.2																			

Suitable for Outdoor applications: Black for permanent installations, All colors for field deployable use.

**20 AWG** Solid .032" Bare Copper Conductor • Bare Copper Double Braid Shield (95% Coverage)**Plenum • Foam FEP Insulation • Black FEP Jacket** (FEP Insulation between Braids)

200°C 75°C	<b>88232</b>	NEC: CMP CEC: CMP FT6	500	152.4	29.0	13.2	20 AWG (solid) .032"	.140	3.56	(2) BC Braids 95% Coverage	.245	6.22	75	80%	16.9	55.4	1	.4	1.3
			1000	304.8	61.0	27.7											10.0Ω/M' 32.8Ω/km	2.6Ω/M' 8.5Ω/km	2.6Ω/M' 8.5Ω/km
BC																			
Inner:																			
135 3.1 10.2																			
270 4.5 14.8																			
360 5.3 17.4																			
540 6.6 21.7																			
720 7.7 25.3																			
750 7.9 25.9																			
1000 9.4 30.8																			
1500 12.1 39.7																			
2250 15.6 51.2																			
3000 18.7 61.4																			

**20 AWG** Solid .032" Bare Copper Conductor • Bare Copper Double Braid Shield (80% Coverage)**Gas-injected Foam HDPE Insulation • Black Polyethylene Jacket** (Polyethylene Insulation between Braids)

80°C	<b>8232</b>	—	500	152.4	31.0	14.1	20 AWG (solid) .032"	.145	3.68	(2) BC Braids 80% Coverage	.315	8.00	75	83%	16.2	53.1	1	.3	1.0
			1000	304.8	60.0	27.3											10.0Ω/M' 32.8Ω/km	2.5Ω/M' 8.2Ω/km	2.8Ω/M' 9.2Ω/km
BC																			
Inner:																			
135 3.0 9.8																			
270 4.2 13.8																			
360 4.8 15.7																			
540 5.9 19.4																			
720 7.0 23.0																			
750 7.1 23.3																			
1000 8.3 27.2																			
1500 10.5 34.5																			
2250 13.4 44.0																			
3000 15.9 52.2																			

Suitable for Outdoor and Direct Burial applications. Suitable for Aerial applications when supported by a Messenger wire.

**Gas-injected Foam HDPE Insulation • Black PVC Jacket** (PVC Insulation between Braids)

75°C	<b>8232A</b>	NEC: CMR CEC: CMG FT4	1000	304.8	68.0	30.8	20 AWG (solid) .032"	.145	3.68	(2) BC Braids 80% Coverage	.315	8.00	75	83%	16.2	53.1	1	.3	1.0
																	10.0Ω/M' 32.8Ω/km	2.5Ω/M' 8.2Ω/km	2.8Ω/M' 9.2Ω/km
BC																			
Inner:																			
135 3.0 9.8																			
270 4.2 13.8																			
360 4.8 15.7																			
540 5.9 19.4																			
720 7.0 23.0																			
750 7.1 23.3																			
1000 8.3 27.2																			
1500 10.5 34.5																			
2250 13.4 44.0																			
3000 15.9 52.2																			

Suitable for Aerial applications when supported by a Messenger wire and for Outdoor Applications.

BC = Bare Copper • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • HDPE = High-density Polyethylene

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

**Video Triax Cable**

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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 Conductor • Double Bare Copper Braid Shield (95% Coverage)****Gas-injected Foam HDPE Insulation • Belflex® Jacket** (Red, Yellow, Green, Blue or Black); Polyethylene Insulation between Braids

75°C	<b>1856A</b>	—	1000	304.8	83.0	37.7	20 AWG (solid)	.145	3.68	(2) BC Braids	.360	9.14	75	83%	16.2	53.1	1	.3	1.0
							.032"			95% Coverage							3.6	.6	2.0
							BC			Inner:							10	.8	2.6
							10.1Ω/M'			2.5Ω/M'							71.5	2.2	7.2
							33.1Ω/km			8.2Ω/km							135	3.0	9.8
										Outer:							270	4.2	13.8
										1.6Ω/M'							360	4.8	15.7
										5.3Ω/km							540	5.9	19.4
																	720	6.9	22.6
																	750	7.1	23.3
																	1000	8.8	28.9
																	1500	12.0	39.4
																	2250	16.4	53.8
																	3000	20.4	66.9

Suitable for Outdoor applications: Black for permanent installations, all colors for field deployable use.

**Gas-injected Foam HDPE Insulation • Belflex Jacket** (Red, Yellow, Green, Blue, Purple or Black); PVC Insulation between Braids

75°C	<b>1856B</b>	NEC: CMR CEC: CMG FT4	1000	304.8	86.0	39.1	20 AWG (solid)	.145	3.68	(2) BC Braids	.360	9.14	75	83%	16.2	53.1	1	.3	1.0
							.032"			95% Coverage							3.6	.6	2.0
							BC			Inner:							10	.8	2.6
							10.1Ω/M'			2.5Ω/M'							71.5	2.2	7.2
							33.1Ω/km			8.2Ω/km							135	3.0	9.8
										Outer:							270	4.2	13.8
										1.6Ω/M'							360	4.8	15.7
										5.2Ω/km							540	5.9	19.4
																	720	6.9	22.6
																	750	7.1	23.3
																	1000	8.8	28.9
																	1500	12.0	39.4
																	2250	16.4	53.8
																	3000	20.4	66.9

Suitable for Indoor/Outdoor applications.

**Gas-injected Foam HDPE Insulation • Paper Tape Separator • Black Hypalon® Jacket** (Polyethylene Insulation between Braids)

80°C	<b>9267</b>	—	500	152.4	39.5	18.0	20 AWG (solid)	.145	3.68	(2) BC Braids	.360	9.14	75	82%	16.3	53.5	1	.3	1.0
VW-1			1000	304.8	77.0	35.0	.032"			95% Coverage							3.6	.6	2.0
							BC			Inner:							10	.9	3.0
							10.0Ω/M'			2.5Ω/M'							71.5	2.1	6.9
							33.1Ω/km			8.2Ω/km							135	2.9	9.5
										Outer:							270	4.2	13.8
										2.6Ω/M'							360	4.8	15.7
										8.5Ω/km							540	6.0	19.7
																	720	6.7	22.0
																	750	6.9	22.6
																	1000	8.3	27.2
																	1500	10.5	34.5
																	2250	13.4	44.0
																	3000	15.9	52.2

Suitable for Outdoor and Direct Burial applications and Aerial when supported by a Messenger wire.

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

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

Hypalon is a DuPont trademark.

**BELDEN**For more information, contact **Belden Technical Support: 1-800-BELDEN-1 • www.belden.com****Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr**