

Computer and Instrumentation Cable

75 Ohm Coax

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

75 Ohm • 30 AWG Stranded (7x38) .012" Silver-plated Copper-covered Steel Conductor • Silver-plated Copper Braid Shield (95% Coverage)

TFE Teflon® Insulation • White TFE Tape Jacket

200°C	83267	—	100†	30.5	1.9	.9	30 AWG (7x38) .012" SPCCS 244.0Ω/M' 801.0Ω/km	.063	1.60	SPC Braid 95% Shield Coverage 8.6Ω/M' 28.2Ω/km	.103	2.62	75	69.5%	19.5	64.0	1	3.0	9.8	
VW-1			1000†	304.8	11.0	5.0											10	5.3	17.4	
																	50	8.5	27.9	
																		100	10.0	32.8
																		200	12.5	41.0
																		400	16.0	52.5
																		700	19.7	64.6
																		900	22.3	73.2
																		1000	24.0	78.7

RG-187A/U Type • MIL-C-17D

75 Ohm • Dual RG-59/U Type • 23 AWG Solid .023" Bare Copper-covered Steel Conductors • Bare Copper Braid Shield (95% Coverage)

Flame-retardant Semi-foam Polyethylene Insulation • Black PVC Jacket

UL AWM Style 20063 (300V 80°C)	9555	NEC:	500	152.4	38.5	17.5	23 AWG (solid) .023" BCCS 50.0Ω/M' 164.0Ω/km	.146	3.71	BC Braid 95% Shield Coverage 2.6Ω/M' 8.5Ω/km	.238	6.05	75	66%	20.5	67.3	1	.6	2.0		
		CM	1000	304.8	78.0	35.4											10	1.1	3.6		
		CEC:	2000	609.6	152.0	69.0												50	2.4	7.9	
		CM																	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

75 Ohm • Dual RG-59/U Type • 23 AWG Solid .023" Bare Copper-covered Steel Conductors • Bare Copper Braid Shield (97% Coverage)

Plenum • FEP Insulation • Clear FEP Jacket

200°C	89555	NEC:	500	152.4	46.5	21.1	23 AWG (solid) .023" BCCS 50.0Ω/M' 164.0Ω/km	.134	3.40	BC Braid 97% Shield Coverage 2.6Ω/M' 8.5Ω/km	.212	5.39	75	70%	19.5	64.0	1	.5	1.6		
		CMP	1000	304.8	90.0	40.9											10	1.1	3.6		
		CEC:																	50	2.5	8.2
		CM																	100	3.5	11.5
																			200	5.1	16.7
																			400	7.5	24.6
																			700	10.4	34.1
																			900	12.0	39.4
																			1000	12.7	41.7

Suitable for Outdoor and Direct Burial applications.

75 Ohm • RG-6/U Type • 18 AWG Solid Bare Copper-covered Steel Conductor • Duobond® IV Quad Shield (100% Coverage)

Non-Plenum • Gas-injected Foam Polyethylene Insulation • Gray PVC Jacket

	3131A	NEC:	1000	304.8	39.0	17.7	18 AWG (solid) .040" BCCS 28.0Ω/M' 91.9Ω/km	.180	4.57	Duobond IV* Quad Shield 3.6Ω/M' 11.8Ω/km	.300	7.62	75	82%	16.2	53.2	1	.35	1.15		
		CL2R,	2500††	762.2	97.5	44.3											2	.38	1.25		
		CMR																	5	.45	1.48
		CEC:																	10	.59	1.94
		CMR FT4																	20	.86	2.82
																			50	1.37	4.50
																			100	1.97	6.46
																			200	2.82	9.25
																			300	3.48	11.42
																			400	4.04	13.26

Sweep tested 5 MHz to 400 MHz.
CPE jacket optional.
For Non-plenum version see 3131A.
Sweep tested 5 MHz to 400 MHz.

Suitable for Outdoor and Direct Burial applications.

75 Ohm • RG-11/U Type • 14 AWG Solid Bare Copper-covered Steel Conductor • Duobond IV Quad Shield (100% Coverage)

Non-Plenum • Gas-injected Foam Polyethylene Insulation • Gray PVC Jacket

	3094A	NEC:	500	152.4	34.5	15.7	14 AWG (solid) .064" BCCS 11.0Ω/M' 36.1Ω/km	.280	7.11	Duobond IV* Quad Shield 1.5Ω/M' 4.9Ω/km	.407	10.34	75	82%	16.2	53.2	1	.16	.53		
		CL2R,	1000	304.8	69.0	31.3											2	.18	.59		
		CMR	2000	609.6	136.0	61.7													5	.26	.85
		CEC:																	10	.38	1.25
		CMG FT4																	20	.55	1.81
																			50	.83	2.72
																			100	1.17	3.84
																			200	1.60	5.25
																			300	1.99	6.53
																			400	2.30	7.55

Tap marks every 2.6 meters to aid users in installation.

BC = Bare Copper • BCCS = Bare Copper-covered Steel • DCR = DC Resistance • FEP = Fluorinated Ethylene Propylene • SPC = Silver-coated Copper • SPCCS = Silver-coated Copper-covered Steel • TFE = Tetra Fluoroethylene

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

* Duobond IV = Bonded Duofoil® (100% coverage) + aluminum braid (67% coverage) + Duofoil (100% coverage) + aluminum braid (46% coverage).

† May contain more than one piece, minimum length of any one piece is 25 ft.

†† Spools may contain more than one piece. Final put-up may vary ±10% for spools and reels and ±5% for UnReel® cartons. 25 feet minimum length.

Teflon is a DuPont trademark.



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

Belden114@cablcon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr