

RG 59/U Type

Product Construction:

Conductors:

- Copper per ASTM B-3
- Copper-clad steel per ASTM B-869
- Twisted pair color code: black and red

Insulation/Core:

- Solid and cellular polyethylene (PE) designs

Shield:

- Bare copper braid

Jacket:

- Premium PVC compound, PE compound or FEP compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- CATV
- MATV
- CCTV†
- Local Area Network
- Digital video
- Monitor/VDI display
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
C1102 RG 59/U Type 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		95% Bare Copper Braid 3.5 Ω/Mft.	Black PE		17.30	56.76	82	75	1	0.26
		0.146	3.71		0.242	6.15					10	0.82
C1104 RG 59/U Type  1354	22 Ga. Solid Copper-Clad Steel 73.4 Ω/Mft.	Solid PE		95% Bare Copper Braid 2.6 Ω/Mft.	Black PVC		20.50	67.26	66	73	1	0.41
		0.146	3.71		0.242	6.15					10	0.99
C1135 RG 59/U Type UL CL2, CATV, CM CSA CMG  1354	22 Ga. Solid Copper-Clad Steel 73.4 Ω/Mft.	Foam PE		95% Bare Copper Braid 2.6 Ω/Mft.	Black PVC		16.30	53.48	78	80	1	0.42
		0.146	3.71		0.242	6.15					10	0.92
C1103† RG 59/U Type UL CL2, CATV, CM CSA CMG  1354	22 Ga. (7/30) Bare Copper 14.8 Ω/Mft.	Foam PE		95% Tinned Copper Braid 2.6 Ω/Mft.	Black PVC		17.00	55.78	78	76	1	0.26
		0.146	3.71		0.242	6.15					10	0.91
C1142† RG 59/U Type UL CL2, CATV, CM CSA CMG  1354	20 Ga. Solid Bare Copper 10.1 Ω/Mft.	Foam PE		95% Bare Copper Braid 2.6 Ω/Mft.	Black PVC		16.20	53.15	78	71	1	0.25
		0.146	3.71		0.234	5.94					10	0.78
C1106 RG 59B/U Type MIL-C-17D Type  1354	23 Ga. Solid Copper-Clad Steel 68.5 Ω/Mft.	Solid PE		95% Bare Copper Braid 2.6 Ω/Mft.	Non-Contaminating Black PVC		21.00	68.90	66	73	1	0.44
		0.146	3.71		0.242	6.15					10	1.02
C1107 RG 59/U Type CSA(US) CM CSA CM  1354	23 Ga. Solid Copper-Clad Steel 68.5 Ω/Mft.	Foam PE		95% Bare Copper Braid 2.6 Ω/Mft.	Black PVC		21.00	68.90	66	73	1	0.44
		0.146	3.71		0.234	5.94					10	1.02
C8030† RG 59/U Type +18 AWG Unshielded Pair UL CMP c(UL) CMP 	20 AWG Solid BC Coax 18 AWG (7/26) Unshielded Pair	Fluoropolymer		95% Bare Copper Braid	Natural PVC		16.30	53.48	83	75	1	0.78
		0.135	3.43		0.200	5.08					10	1.90
		PVC		Unshielded Pair	X	X					100	2.80
		0.006	0.15		0.383	9.73					200	4.10
											500	6.82
											1000	9.64

RG 59/U Type

Product Construction:

Conductors:

- Copper per ASTM B-3
- Copper-clad steel per ASTM B-869
- Twisted pair color code: black and red

Insulation/Core:

- Solid and foam polyethylene (PE) designs

Shield:

- Tinned, bare copper or aluminum braid
- Flexfoil® shield

Jacket:

- Premium PVC compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- MATV
- CATV
- CCTV†
- Local Area Network
- Monitor/VDI display
- Analog video
- Digital video
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION		
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'	
C1110 RG 59/U Type 	22 Ga. Solid Copper-Clad Steel 73.4 Ω/Mft.	Solid PE		70% Bare Copper Braid 4.5 Ω/Mft.	Black PE		22.00	72.18	66	73	1	0.41	
		0.146	3.71		0.242	6.15					10	0.99	
											50	2.38	
											100	3.49	
											200	5.09	
											500	8.43	
											1000	13.03	
											1450	15.69	
											1800	17.48	
											2200	19.33	
											3000	22.57	
C1112 RG 59/U Type 	22 Ga. Solid Copper-Clad Steel 73.4 Ω/Mft.	Foam PE		70% Bare Copper Braid 4.5 Ω/Mft.	Black PVC		16.30	53.48	78	80	1	0.42	
		0.146	3.71		0.242	6.15					10	0.92	
											50	2.10	
											100	2.90	
											200	4.10	
											500	6.60	
											1000	9.30	
											1450	11.20	
											1800	12.48	
											2200	13.79	
											3000	16.11	
C8005 RG 59A/U Dual-Type UL CL2, CATV, CM CSA CMG 	23 Ga. Solid Copper-Clad Steel 68.5 Ω/Mft.	Solid PE		100% Flexfoil® + 95% Tinned Copper Braid 2.9 Ω/Mft.	Black PVC		21.00	68.90	66	73	1	0.44	
		0.146	3.71		0.242 X 0.498	6.15 X 12.65					10	1.02	
											50	2.44	
											100	3.55	
											200	5.18	
											500	8.59	
											1000	13.56	
											1450	16.33	
											1800	18.19	
											2200	20.11	
											3000	23.49	
C5834† RG 59/U Dual-Type UL CL2, CATV, CM CSA CMG 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		100% Flexfoil® + 67% Aluminum Braid 9.7 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.60	
		0.146	3.71		0.242 X 0.498	6.15 X 12.65					10	1.20	
											50	1.95	
											100	2.70	
											200	3.70	
											500	5.70	
											1000	8.12	
											1450	9.78	
											1800	10.89	
											2200	12.04	
											3000	14.06	
C5816 RG 59/U Type Analog Video Digital Video 	20 Ga. Solid Bare Copper 70.1 Ω/Mft.	Solid PE		97% Tinned Copper Double Braid 1.2 Ω/Mft.	Black PVC		21.00	68.90	66	75	1	0.25	
		0.198	5.03		0.305	7.75					10	0.78	
											50	1.70	
											100	2.50	
											200	3.70	
											500	5.90	
											1000	9.20	
C5836 RG 59/U Type Analog Video UL CL2X, CMX c(UL) CMH 	22 Ga. Solid Copper-Clad Steel 73.4 Ω/Mft.	Solid PE		85% Bare Copper Braid 2.7 Ω/Mft.	Black PVC		21.00	68.90	66	73	1	0.41	
		0.146	3.71		0.242	6.15					10	0.99	
											50	2.38	
											100	3.49	
											200	5.09	
											500	8.43	
											1000	13.03	
											1450	15.69	
											1800	17.48	
											2200	19.33	
											3000	22.57	
C8025† RG 59/U Type +22 AWG Shielded Pair UL CL2, CATV, CM c(UL) CM 	22 AWG (7/30) Bare Copper Coax	Foam PE		95% Bare Copper Braid	Black PVC		17.00	57.78	78	76	1	0.26	
	22 AWG (7/30) Shielded Pair	0.144	3.66	100% Flexfoil® Al/PP Shielded	0.242 X 0.445	6.147 X 11.30					10	0.91	
		Premium PVC										50	2.90
		0.013	0.33									100	3.00
											200	4.33	
											500	7.03	
											1000	10.64	

RG 59/U Type

Product Construction:

Conductors:

- Copper-clad steel per ASTM B-869

Insulation/Core:

- Foam polyethylene (PE) design

Shield:

- Aluminum braid
- Flexfoil® shield

Jacket:

- Premium PVC compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- CATV
- MATV
- Drop cable
- Local Area Network
- Monitor/VDT display
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
C5770 RG 59/U Type UL CL2, CATV, CM CSA CMG 1354 	22 Ga. Solid Copper-Clad Steel 73.4 Ω/Mft.	Foam PE		100% Flexfoil® Bonded + 40% Aluminum Braid 11.0 Ω/Mft.	Black PVC		16.00	52.50	78	80	1	0.50
		0.144	3.66		0.231	5.87					10 50 100 200 500 1000 1450 1800 2200 3000	1.00 2.30 3.30 4.10 6.50 9.40 11.32 12.61 13.94 16.28
C5780 RG 59/U Type MATV UL CL2, CATV, CM CSA CMG 1354 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded + 40% Aluminum Braid 11.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.60
		0.144	3.66		0.234	5.94					10 50 100 200 500 1000 1450 1800 2200 3000	1.20 1.95 2.70 3.70 5.70 8.12 9.78 10.89 12.04 14.06
C5782 RG 59/U Type MATV UL CL2, CATV, CM CSA CMG 1354 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded + 67% Aluminum Braid 9.7 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.60
		0.144	3.66		0.234	5.94					10 50 100 200 500 1000 1450 1800 2200 3000	1.20 1.95 2.70 3.70 5.70 8.12 9.78 10.89 12.04 14.06
C5832 RG 59/U Type UL CL2, CATV, CM c(UL) CM 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded + 95% Aluminum Braid 4.1 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.60
		0.144	3.66		0.237	6.02					10 50 100 200 500 1000 1450 1800 2200 3000	1.20 1.95 2.70 3.70 5.70 8.12 9.78 10.89 12.04 14.06
C5831 RG 59/U Type Tri-Shield UL CL2, CATV, CM c(UL) CM 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded + 67% Aluminum Braid + 100% Flexfoil® 11.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.60
		0.144	3.66		0.242	6.15					10 50 100 200 500 1000 1450 1800 2200 3000	1.20 1.95 2.70 3.70 5.70 8.12 9.78 10.89 12.04 14.06
C5830 RG 59/U Type Tri-Shield UL CL2, CATV, CM c(UL) CM 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded + 95% Aluminum Braid + 100% Flexfoil® 3.0 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.60
		0.144	3.66		0.242	6.15					10 50 100 200 500 1000 1450 1800 2200 3000	1.20 1.95 2.70 3.70 5.70 8.12 9.78 10.89 12.04 14.06
C5784 RG 59/U Type Quad-Shield UL CL2, CATV, CM CSA CMG 1354 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		100% Flexfoil® 1st Bonded (1) 67% (2) 46% Aluminum Braids 4.1 Ω/Mft.	Black PVC		16.20	53.15	85	75	1	0.60
		0.144	3.66		0.270	6.86					10 50 100 200 500 1000 1450 1800 2200 3000	1.20 1.95 2.70 3.70 5.70 8.12 9.78 10.89 12.04 14.06

RG 59/U Type

Product Construction:

Conductors:

- Copper-clad steel per ASTM B-869
- Copper per ASTM B-3
- Twisted pair color code: black and red

Insulation/Core:

- Foam polyethylene (PE) design

Shield:

- Bare copper or aluminum braid
- Flexfoil® shield

Jacket:

- Premium PVC compound or PE compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- MATV
- CATV
- CCTV†
- Local Area Network
- Monitor/VDI display
- Direct burial
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION							
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'						
C5842 RG 59/U Type Messengered, Self-Supporting 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded + 67% Aluminum Braid 9.7 Ω/Mft.	Black PVC		16.00	53.15	85	75	1	0.60						
		0.146	3.71		0.242 X 0.395	6.15 X 10.03					10	1.20						
											50	1.95						
											100	2.70						
											200	3.70						
											500	5.70						
											1000	8.12						
Figure 8. Contains 0.051" galvanized steel messenger wire.																		
C5844 RG 59/U Type MoistureGuard™ Direct Burial, Flooded  FlexFill®	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Foam PE		100% Flexfoil® Bonded + 67% Aluminum Braid w/Water Block 9.7 Ω/Mft.	Black PE		16.20	53.15	85	75	1	0.60						
		0.146	3.71		0.242	6.15					10	1.20						
											50	1.95						
											100	2.70						
											200	3.70						
											500	5.70						
											1000	8.12						
C3526 RG 59/U Type Plenum UL CL2P, CMP c(UL) CMP 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Fluoropolymer		100% Flexfoil® +65% Aluminum Braid 10.7 Ω/Mft.	Flexguard® Natural		16.00	52.50	84	75	1	0.34						
		0.135	3.429		0.202	5.13					10	1.07						
											50	1.77						
											100	2.50						
											200	3.53						
											500	5.98						
											1000	8.45						
											2300	14.10						
C3527 RG 59/U Type Quad-Shield Plenum UL CL2P, CMP c(UL) CMP 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Fluoropolymer		(2) 100% Flexfoil® (1) 60% (2) 40% Aluminum Braid 6.3 Ω/Mft.	Flexguard® Natural		16.00	52.50	84	75	1	0.34						
		0.135	3.429		0.235	5.97					10	1.07						
											50	1.77						
											100	2.50						
											200	3.53						
											500	5.98						
											1000	8.45						
											2300	14.10						
C3500 RG 59/U Type Plenum UL CL2P, CMP c(UL) CMP 	20 Ga. Solid Copper-Clad Steel 45.9 Ω/Mft.	Fluoropolymer		95% Bare Copper Braid 1.9 Ω/Mft.	Flexguard® PVC Natural		16.50	54.14	83	75	1	0.78						
		0.145	3.68		0.201	5.11					10	1.90						
											50	1.98						
											100	2.80						
											200	4.10						
											500	6.82						
											1000	9.64						
C8027† RG 59/U Type +18 AWG Shielded Pair UL CL2, CATV, CM c(UL) CM 	22 AWG (70/30) Bare Copper Coax 18 AWG (16/30) Shielded Pair	Foam PE		95% Bare Copper Braid	Black PVC		17.00	55.78	78	76	1	0.26						
		0.144	3.66								10	0.91						
				Premium PVC							125% Flexfoil® Al/PP Shielded							50
		0.016	0.41	100														3.00
C8028† RG 59/U Type +18 AWG Unshielded Pair UL CL2, CATV, CM c(UL) CM 	20 AWG Solid Bare Copper Coax 18 AWG (7/26) Unshielded Pair	Foam PE		95% Bare Copper Braid	Black PVC		16.20	53.15	78	71	1	0.25						
		0.144	3.66								10	0.78						
				Premium PVC							Unshielded Pair							50
		0.010	0.25	100														2.70
					0.238 X 0.440	6.05 X 11.18					200	3.97						
											500	6.35						
											1000	9.15						

RG 59/U Type

Product Construction:

Conductors:

- Copper per ASTM B-3

Insulation/Core:

- Solid or foam polyethylene (PE) designs

Shield:

- Bare or tinned copper
- Flexfoil® shield

Jacket:

- Outer jacket: premium PVC or thermoplastic elastomer (TPE)
- Inner jacket: premium PVC or PE compound

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- Broadcast
- MATV
- CATV
- Local Area Network
- Digital video
- Outdoor rated
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
C5838 RG 59/U Type Indoor Use Precision Video 	20 Ga. Solid Bare Copper 10.1 Ω/Mft.	Solid PE		98% Tinned Copper Double Braid 1.1 Ω/Mft.	Clear PVC		20.00	65.62	66	77	1	0.25
		0.200	5.08		0.305	7.75					10	0.78
											50	1.70
395040 RG 59/U Type UL CM c(UL) CMG 	20 Ga. Solid Bare Copper 10.2 Ω/Mft.	Foam PE		Inner: 95% BC Braid 2.6 Ω/Mft. Outer: 95% BC Braid 2.6 Ω/Mft.	Inner: PVC Outer: Flame-Retardant PVC		16.20	53.10	83	75	1	0.29
		0.146	3.71		0.360	9.15					10	0.93
											50	1.73
		100	2.45									
		200	3.46									
		400	4.90									
		540	5.69									
1000	8.35											
395006 RG 59/U Type Outdoor 	21 Ga. (19/33) Bare Copper 12.0 Ω/Mft.	Foam PE		Inner: 95% BC Braid 2.6 Ω/Mft. Outer: 95% BC Braid 2.6 Ω/Mft.	Inner: PE Outer: TPE		17.00	55.70	78	75	1	0.35
		0.146	3.71		0.360	9.15					10	1.10
											50	1.77
		100	2.50									
		200	3.54									
400	5.00											
540	5.81											
1000	8.80											
395007 RG 59/U Type Outdoor 	20 Ga. Solid Bare Copper 10.2 Ω/Mft.	Foam PE		Inner: 95% BC Braid 2.6 Ω/Mft. Outer: 95% BC Braid 2.6 Ω/Mft.	Inner: PE Outer: TPE		16.20	53.10	83	75	1	0.29
		0.146	3.71		0.360	9.15					10	0.93
											50	1.73
		100	2.45									
		200	3.46									
		400	4.90									
		540	5.69									
1000	8.35											

RG 59/U Precision & Miniature Cable

75 Ohm High-End Coaxial Cables for Video, Analog and Digital Applications

Product Construction:

Conductors:

- Copper-clad steel per ASTM B-869
- Copper per ASTM B-3

Insulation/Core:

- Solid or foam polyethylene (PE) designs
- Foam fluoropolymer (FEP) design

Shield:

- Bare or tinned copper, aluminum braid
- Flexfoil® shield

Jacket:

- Premium PVC compound, PE compound or fluoropolymer

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- Broadcast-grade
- MATV
- CATV
- CCTV†
- Precision video-analog/digital
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
C1158 RG 59/U Type Miniature Type  1354	27 Ga. (7/35) Stranded Copper-Clad Steel 120.0 Ω/Mft.	Solid PE		93% Tinned Copper Braid 6.5 Ω/Mft.	Black PVC		20.50	67.26	66	75	1	1.20
		0.100	2.54		0.150	3.81					10	2.40
											50	4.20
											100	5.70
											200	8.30
											500	13.53
											1000	20.00
395032 RG 59/U Type Miniature UL CMR c(UL) CMG 	25 Ga. Stranded (7/33) Bare Copper 30.0 Ω/Mft.	Foam PE		95% Tinned Copper Braid Shield 6.0 Ω/Mft.	Flame-Retardant PVC		17.20	56.40	78	75	1	0.41
		0.099	2.51		0.150	3.81					10	1.31
											50	2.94
											100	4.18
											200	5.97
											400	8.56
											700	11.50
											900	13.14
											1000	13.91
395035 RG 59/U Type Miniature UL CM c(UL) CMG 	26 Ga. Stranded (7/34) Bare Copper 39.7 Ω/Mft.	Foam PE		Dual Flexfoil® 95% Tinned Copper Braid Shield 8.6 Ω/Mft.	Flame-Retardant PVC		17.30	56.74	78	75	1	0.56
		0.089	2.26		0.146	3.71					10	1.48
											50	3.20
											100	5.18
											200	6.95
											400	9.36
											700	13.10
											900	14.98
											1000	15.79
395021 RG 59/U Type Outdoor 	23 Ga. Stranded (7/31) Bare Copper 20.1 Ω/Mft.	Solid PE		95% Tinned Copper Braid Shield 4.2 Ω/Mft.	Polyethylene		19.50	63.96	66	75	1	0.35
		0.146	3.71		0.220	5.59					3.6	0.60
											71.5	3.30
											88.5	3.75
											135	4.65
											270	6.68
											360	7.77
											750	11.50
											1000	13.43
395030† RG 59/U Type UL CM c(UL) CMH 	20 Ga. Solid Bare Copper 10.5 Ω/Mft.	Fluoropolymer		95% Bare Copper Braid Shield 2.7 Ω/Mft.	Flame-Retardant PVC		16.20	53.20	83	75	1	0.17
		0.146	3.71		0.242	6.15					10	0.76
											50	1.80
											100	2.60
											200	3.80
											400	5.37
495028† RG 59/U Type UL CMP c(UL) CMP 	20 Ga. Solid Bare Copper 10.5 Ω/Mft.	Fluoropolymer		95% Bare Copper Braid Shield 2.7 Ω/Mft.	Plenum PVC		16.00	52.50	84	75	1	0.24
		0.139	3.43		0.197	5.00					10	1.41
											50	1.83
											100	2.64
											200	3.84
											400	5.64
495044† RG 59/U Type UL CMP c(UL) CMP 	20 Ga. Solid Bare Copper 10.5 Ω/Mft.	Fluoropolymer		95% Bare Copper Braid Shield 2.7 Ω/Mft.	PVDF		16.00	52.50	84	75	1	0.24
		0.135	3.43		0.193	5.00					10	1.41
											50	1.83
											100	2.64
											200	3.84
											400	5.64

RG 59 Serial Digital Interface Cable

75 Ohm High-End Coaxial Cables for Video, Analog & Digital Applications

Product Construction:

Conductors:

- Copper per ASTM B-3

Insulation/Core:

- Solid and foam polyethylene (PE) designs
- Foam fluoropolymer (FEP) design

Shield:

- Tinned copper braid
- Flexfoil® shield

Jacket:

- Premium PVC compound or fluoropolymer

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- Broadcast-grade
- MATV
- CATV
- Precision video-analog/digital
- Serial digital interface cable (SDI)
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'
395036 RG 59/U Type UL CMR c(UL) CMG 	25 Ga. (19/37) Bare Copper 27.4 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 5.4 Ω/Mft.	Flame-Retardant PVC		16.50	54.10	82	75	1	0.43
		0.094	2.38		0.150	3.81					135	5.00
395031 RG 59/U Type UL CMR c(UL) CMG 	23 Ga. Solid Bare Copper 20.1 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 7.6 Ω/Mft.	Flame-Retardant PVC		16.50	54.10	83	75	1	0.39
		0.102	2.59		0.159	4.04					135	3.81
395025 RG 59/U Type UL CMR c(UL) CMG 	20 Ga. Solid Bare Copper 10.5 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 3.5 Ω/Mft.	Flame-Retardant PVC		16.30	53.40	83	75	1	0.29
		0.146	3.71		0.242	6.15					135	2.70
395010 RG 59/U Type UL CMR c(UL) CMG 	20 Ga. Solid Bare Copper 10.5 Ω/Mft.	Solid PE		Dual Braid +98% Tinned Copper Braid Shield 1.1 Ω/Mft.	Flame-Retardant PVC		20.50	67.24	66	75	1	0.24
		0.198	5.03		0.305	7.75					10	0.77
395013 RG 59/U Type Outdoor 	20 Ga. Solid Bare Copper 10.5 Ω/Mft.	Solid PE		Dual Braid +98% Tinned Copper Braid Shield 1.1 Ω/Mft.	Polyethylene		20.50	67.24	66	75	1	0.24
		0.198	5.03		0.305	7.75					10	0.77
495023 RG 59/U Type UL CMP c(UL) CMP 	20 Ga. Solid Bare Copper 10.5 Ω/Mft.	Fluoropolymer		Bi-Metal Foil +95% Tinned Copper Braid Shield 3.2 Ω/Mft.	Plenum PVC		16.10	53.00	84	75	1	0.29
		0.135	3.43		0.199	5.05					10	1.03
495010 RG 59/U Type UL CMP c(UL) CMP 	20 Ga. Solid Bare Copper 10.5 Ω/Mft.	Fluoropolymer		Dual Braid +98% Tinned Copper Braid Shield 0.93 Ω/Mft.	PVDF		19.00	62.32	69	75	1	0.25
		0.188	4.78		0.276	7.01					10	0.80

RG 59/U (RGB) Multi-Channel Digital/Precision Cable

75 Ohm High-End Coaxial Cables for Video, Analog & Monitor Applications

Product Construction:

Conductors:

- Solid bare copper per ASTM B-3

Insulation/Core:

- Foam polyethylene (PE) design

Shield:

- Tinned copper braid
- Flexfoil® shield

Jacket:

- Outer jacket: matte finish thermoplastic elastomer (TPE)
- Inner jacket: flame-retardant PVC

Packaging:

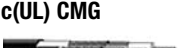
- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- Broadcast
- HDTV
- Video-analog/digital
- Monitor applications
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'

RG 59/U MINI SERIAL DIGITAL INTERFACE (SDI), PRECISION COAX, RISER RATED

395031-3 RG 59/U Type UL CMR c(UL) CMG 	23 Ga. 3/Cond. Solid Bare Copper 20.1 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 7.6 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		16.50	54.10	83	75	1	0.39	
		0.102	2.59		0.415	10.58					71.5	3.06	
											135	3.81	
											270	5.40	
											540	7.70	
												1500	13.00
												2250	16.00
												3000	18.50
395031-4 RG 59/U Type UL CMR c(UL) CMG 	23 Ga. 4/Cond. Solid Bare Copper 20.1 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 7.6 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		16.50	54.10	83	75	1	0.39	
		0.102	2.59		0.460	11.68					71.5	3.06	
											135	3.81	
											270	5.40	
											540	7.70	
												1500	13.00
												2250	16.00
												3000	18.50
395031-5 RG 59/U Type UL CMR c(UL) CMG 	23 Ga. 5/Cond. Solid Bare Copper 20.1 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 7.6 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		16.50	54.10	83	75	1	0.39	
		0.102	2.59		0.510	12.95					71.5	3.06	
											135	3.81	
											270	5.40	
											540	7.70	
												1500	13.00
												2250	16.00
												3000	18.50

RG 59/U SERIAL DIGITAL INTERFACE (SDI), PRECISION COAX, RISER RATED

395025-3 RG 59/U Type UL CMR c(UL) CMG 	20 Ga. 3/Cond. Solid Bare Copper 10.5 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 3.5 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		16.30	52.40	83	75	1	0.29	
		0.146	3.71		0.610	15.49					71.5	2.10	
											135	2.70	
											270	3.80	
											540	5.47	
												1500	9.30
												2250	11.51
												3000	13.31

395025-4 RG 59/U Type UL CMR c(UL) CMG 	20 Ga. 4/Cond. Solid Bare Copper 10.5 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 3.5 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		16.30	52.40	83	75	1	0.29	
		0.146	3.71		0.670	17.04					71.5	2.10	
											135	2.70	
											270	3.80	
											540	5.47	
												1500	9.30
												2250	11.51
												3000	13.31

395025-5 RG 59/U Type UL CMR c(UL) CMG 	20 Ga. 5/Cond. Solid Bare Copper 10.5 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 3.5 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		16.30	52.40	83	75	1	0.29	
		0.146	3.71		0.745	18.87					71.5	2.10	
											135	2.70	
											270	3.80	
											540	5.47	
												1500	9.30
												2250	11.51
												3000	13.31

395025-10 RG 59/U Type UL CMR c(UL) CMG 	20 Ga. 10/Cond. Solid Bare Copper 10.5 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 3.5 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		16.30	52.40	83	75	1	0.29	
		0.146	3.71		1.110	28.19					71.5	2.10	
											135	2.70	
											270	3.80	
											540	5.47	
												1500	9.30
												2250	11.51
												3000	13.31

RG 59/U (RGB) Miniature Multi-Channel Precision Cable

75 Ohm High-End Coaxial Cables for Video, Analog & Monitor Applications

Product Construction:

Conductors:

- Solid bare copper per ASTM B-3

Insulation/Core:

- Foam polyethylene (PE) design

Shield:

- Tinned copper braid
- Flexfoil® shield

Jacket:

- Outer jacket: matte finish thermoplastic elastomer (TPE)
- Inner jacket: flame-retardant PVC

Packaging:

- Please contact Customer Service for packaging and color options

Applications:

- Suitable for RF signal transmission
- Broadcast
- HDTV
- Video-analog/digital
- Monitor applications
- See Coax Connector Cross Reference, pages 185-192

CATALOG NUMBER	AWG SIZE NOM. DCR	INSULATION MATERIAL		SHIELD COVERAGE NOM SHLD DCR	NOMINAL O.D.		NOMINAL CAPACITANCE		VELOCITY OF PROPAGATION, %	NOMINAL IMPEDANCE, Ω	NOMINAL ATTENUATION	
		INCHES	mm		INCHES	mm	pF/ft	pF/m			MHz	dB/100'

RG 59/U (RGB) RISER RATED

395035-3 RG 59/U Type UL CMR c(UL) CMG 	26 Ga. 3/Cond. Stranded (7/34) Bare Copper 39.7 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 8.6 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		17.30	56.74	78	75	1	0.56
		0.089	2.26									10 1.48 50 3.20 100 5.18 200 6.95 400 9.36 540 10.88 1000 15.79 2250 23.69 3000 27.35
395035-4 RG 59/U Type UL CMR c(UL) CMG 	26 Ga. 4/Cond. Stranded (7/34) Bare Copper 39.7 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 8.6 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		17.30	56.74	78	75	1	0.56
		0.089	2.26									10 1.48 50 3.20 100 5.18 200 6.95 400 9.36 540 10.88 1000 15.79 2250 23.69 3000 27.35
395035-5 RG 59/U Type UL CMR c(UL) CMG 	26 Ga. 5/Cond. Stranded (7/34) Bare Copper 39.7 Ω/Mft.	Foam PE		Bi-Metal Foil +95% Tinned Copper Braid Shield 8.6 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		17.30	56.74	78	75	1	0.56
		0.089	2.26									10 1.48 50 3.20 100 5.18 200 6.95 400 9.36 540 10.88 1000 15.79 2250 23.69 3000 27.35

RG 59/U (RGB) FLEXIBLE RISER RATED

395032-3 RG 59/U Type UL CMR c(UL) CMG 	25 Ga. 3/Cond. Stranded (7/33) Bare Copper 30.0 Ω/Mft.	Foam PE		95% Tinned Copper Braid Shield 6.0 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		17.30	56.74	78	75	1	0.41
		0.099	2.51									10 1.31 50 2.94 100 4.18 200 5.97 400 8.56 540 9.95 1000 13.91 2250 20.87 3000 24.09
395032-4 RG 59/U Type UL CMR c(UL) CMG 	25 Ga. 4/Cond. Stranded (7/33) Bare Copper 30.0 Ω/Mft.	Foam PE		95% Tinned Copper Braid Shield 6.0 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		17.30	56.74	78	75	1	0.41
		0.099	2.51									10 1.31 50 2.94 100 4.18 200 5.97 400 8.56 540 9.95 1000 13.91 2250 20.87 3000 24.09
395032-5 RG 59/U Type UL CMR c(UL) CMG 	25 Ga. 5/Cond. Stranded (7/33) Bare Copper 30.0 Ω/Mft.	Foam PE		95% Tinned Copper Braid Shield 6.0 Ω/Mft.	Inner: Flame-Retardant PVC Outer: TPE Matte		17.30	56.74	78	75	1	0.41
		0.099	2.51									10 1.31 50 2.94 100 4.18 200 5.97 400 8.56 540 9.95 1000 13.91 2250 20.87 3000 24.09