

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/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'
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	0.383	9.73					100	2.80
0.006	0.15	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/VDT 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  1354	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
C1112 RG 59/U Type  1354	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
C8005 RG 59A/U Dual-Type UL CL2, CATV, CM CSA CMG  20063	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
C5834† RG 59/U Dual-Type UL CL2, CATV, CM CSA CMG  20999	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
C5816 RG 59/U Type Analog Video Digital Video  1354	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
C5836 RG 59/U Type Analog Video UL CL2X, CMX c(UL) CMH  1354	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
C8025† RG 59/U Type +22 AWG Shielded Pair UL CL2, CATV, CM c(UL) CM  1354	22 AWG (7/30) Bare Copper Coax 22 AWG (7/30) Shielded Pair	Foam PE		95% Bare Copper Braid	Black PVC		17.00	57.78	78	76	1	0.26
		0.144	3.66		0.242 X 0.445	6.147 X 11.30					10	0.91
		Premium PVC		100% Flexfoil® Al/PP Shielded		1000					3.00	
		0.013	0.33								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	1.00
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	1.20
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	1.20
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	1.20
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	1.20
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	1.20
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	1.20



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/VDT 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
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
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
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
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
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		0.242 X 0.480	6.15 X 12.19					10	0.91	50	2.09	100	3.00	200	4.33	500	7.03	1000
		Premium PVC		125% Flexfoil® Al/PP Shielded							0.238 X 0.440	6.05 X 11.18	10	0.78	50	1.97	100	2.70	200	3.97	500
0.016	0.41																				
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		0.238 X 0.440	6.05 X 11.18					10	0.78	50	1.97	100	2.70	200	3.97	500	6.35	1000
		Premium PVC		Unshielded Pair																	
0.010	0.25																				

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
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
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
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

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 	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					50	2.40	100	5.70	200	8.30	500	13.53	1000
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
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
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
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
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					50	1.41	100	1.83	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

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		71.5	3.06						
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		71.5	3.06						
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		71.5	3.06						

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		71.5	2.10						
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		71.5	2.10						
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		71.5	2.10						
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		71.5	2.10						

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						
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						
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						

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						
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						
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						

