

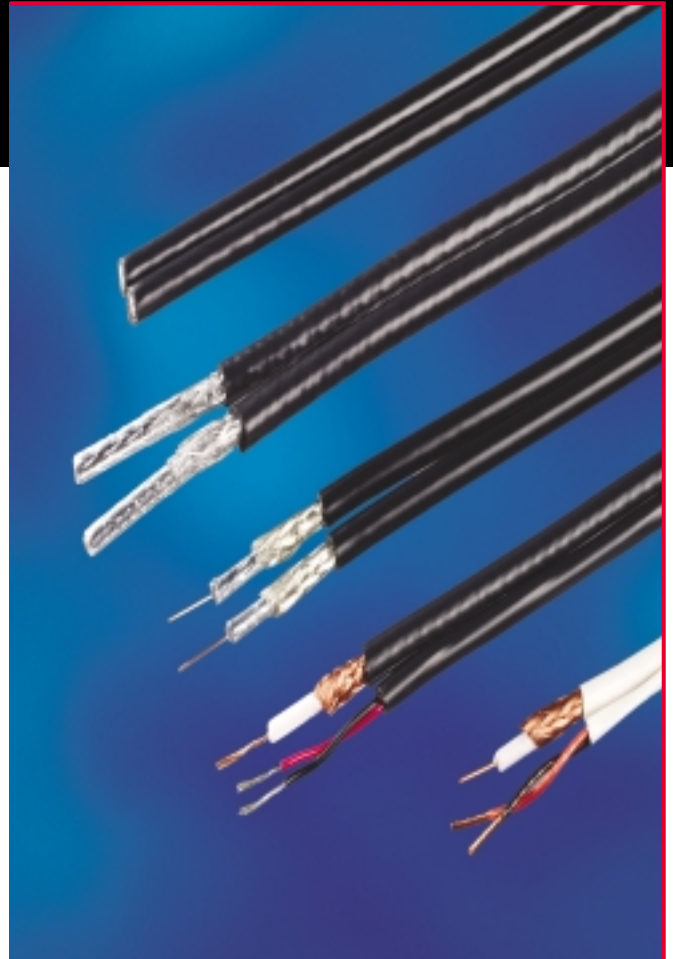
**CAROL[®]
BRAND****ELECTRONICS
WIRE & CABLE**

■ Siamese Coaxial Cables

General Cable now offers **Carol[®] Brand Siamese Coaxial Cables**—available with either dual coaxial cables or coaxial cable with a twisted pair and also in a plenum-rated design for installation in a drop ceiling or a raised floor. These cables are easier to install than standard coaxial cables and are ideal for dual Direct Broadcast System (DBS) applications where one dish is used to serve two receivers. They are also critical for satellite hookup where a powered-pair cable is desired.

Other applications for these coaxial cables include sound and security surveillance cameras where the coaxial cable transmits the audio/video signal and the twisted pair is used to control the pan and tilt function of the closed-circuit television (CCTV) camera. In today's uncertain world, security installations are occurring at a double-digit growth rate. Security cameras are being installed in virtually every office, school, and government facility, on highways and in traffic control centers and in most industrial, commercial, and manufacturing facilities. Wherever security cameras are installed, General Cable has the right cable to make the connection—reliably.

When you have a need for coaxial cables, think of Carol Brand Cables first. Remember, you can always Demand Better and Expect More with General Cable Carol Brand Electronic Cables. We manufacture over 1,300 standard electronic cables that we can ship direct from stock, and we have the technical staff and design expertise to meet any custom cable requirement.



Special Application Cable

Hook-up Wire

Plenum Cable

Coaxial Cable

Microphone Cable

Computer Cable

General Purpose Cable

Multi-Conductor
Communication & Control CableMulti-Paired
Communication & Control Cable

Fire Alarm Cable

Sound & Security Cable

Siamese Coaxial Cables

**CAROL
BRAND**

**ELECTRONICS
WIRE & CABLE**

Catalog Number	AWG SIZE NOM. DCR	Insulation Material		Shield Coverage Nom Shield DCR	Nominal O.D.		Nominal Capacitance		Velocity of Propagation, %	Nominal Impedance, OHMS	Nominal Attenuation	
		inches	mm		inches	mm	pF/ft	pF/m			MHz	dB/100ft
RG 6/U Type												
C5822 RG 6/U Dual Type DBS NEC CL2 CATV, CM CEC CM 	18 AWG Solid Copper Clad Steel 28.9 Ω/M	Cellular Polyethylene		100% Flexfoil® Bonded +60% Aluminum Braid 9.0 Ω/M	Black PVC		16.20	53.15	85	75	1	0.26
		0.180 4.57			0.270 x 0.595	6.86 x 15.11					10	0.81
											50	1.46
											100	2.05
											200	2.83
											500	4.53
											1000	6.59
		1450	8.10									
		1800	8.80									
		2200	10.10									
C8029 RG 6/U Type + 18 AWG Unshielded Pair NEC CL2, CATV, CM CEC CM 	18 AWG SOLID BC COAX	Cellular Polyethylene		100% Flexfoil® +95% Tinned Copper Braid	Black PVC		16.20	53.15	85	75	1	0.20
		0.177 4.50			0.270 x 0.493	6.86 x 12.52					10	0.72
											50	1.48
	18 AWG 7/26 Unshielded Pair	Premium PVC		Unshielded Pair							100	2.01
		0.010 0.25							200	2.70		
									500	4.46		
									1000	6.53		
RG 59/U Type												
C5834 RG 59/U Dual-Type NEC CL2, CATV, CM CEC CM RU 20999 	20 AWG Solid Copper Clad Steel 45.9 Ω/M	Cellular Polyethylene		100% Flexfoil® Bonded +67% Aluminum Braid 9.7 Ω/M	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
C8005 RG 59/U Dual-Type NEC CL2, CM CEC CM RU 20063 	23 AWG Solid Copper Clad Steel 68.5 Ω/M	Solid Polyethylene		100% Flexfoil® Bonded +95% Tinned Copper Braid 2.9 Ω/M	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
C8025 RG 59/U Type + 22 AWG Shielded Pair NEC CL2, CATV, CM CEC CM 	22 AWG 7/30 BC COAX	Cellular Polyethylene		95% Bare Copper Braid	Black PVC		17.00	55.78	78	76	1	0.26
		0.144 3.66			0.242 x 0.445	6.147 x 11.30					10	0.91
											50	2.09
	22 AWG 7/30 Shielded Pair	Premium PVC		125% Flexfoil® Al/PP Shield							100	3.00
		0.013 0.33							200	4.33		
									500	7.03		
									1000	10.64		
C8027 RG 59/U Type + 18 AWG Shielded Pair NEC CL2, CATV, CM CEC CM 	22 AWG 7/30 BC COAX	Cellular Polyethylene		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
	18 AWG 16/30 Shielded Pair	Premium PVC		125% Flexfoil® Al/PP Shield							100	3.00
		0.016 0.41							200	4.33		
									500	7.03		
									1000	10.64		
C8028 RG 59/U Type + 18 AWG Unshielded Pair NEC CL2, CATV, CM CEC CM 	20 AWG SOLID BC COAX	Cellular Polyethylene		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
	18 AWG 7/26 Unshielded Pair	Premium PVC		Unshielded Pair							100	2.70
		0.010 0.25							200	3.97		
									500	6.35		
									1000	9.15		
C8030 RG 59/U Type + 18 AWG Unshielded Pair NEC CMP CEC CMP 	20 AWG SOLID BC COAX	Cellular FEP		95% Bare Copper Braid	Natural PVC		16.30	53.48	83	75	1	0.78
		0.135 3.43			0.200 x 0.383	5.08 x 9.73					10	1.90
											50	1.98
	18 AWG 7/26 Unshielded Pair	Halar		Unshielded Pair							100	2.80
		0.006 0.15							200	4.10		
									500	6.82		
									1000	9.64		

Product Construction:

Conductors:

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

Insulation/Core:

- Cellular polyethylene, FEP, or Halar

Shield:

- Bare copper or tinned copper or Aluminum braid
- Flexfoil® shield available

Jacket:

- Premium PVC or Plenum PVC

Packaging:

- 1000' (305 m) Reels
- Other put-ups available – consult Customer Service

Applications:

- Suitable for RF signal transmission
- CATV
- DBS
- Drop cable
- Digital video

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