

**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 Cable  
 Multi-Paired  
 Communication & Control Cable  
 Fire Alarm Cable  
 Sound & Security Cable

*For more information, contact your local General Cable representative.*

# Siamese Coaxial Cables

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
<b>RG 6/U Type</b>												
<b>C5822</b> 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		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									
<b>C8029</b>												
<b>RG 6/U Type</b> + 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		10	0.72						
					50	1.48						
					100	2.01						
					200	2.70						
		500	4.46									
		1000	6.53									
<b>RG 59/U Type</b>												
<b>C5834</b> 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		10	1.20						
					50	1.95						
					100	2.70						
					200	3.70						
		500	5.70									
		1000	8.12									
<b>C8005</b> 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		10	1.02						
					50	2.44						
					100	3.55						
					200	5.18						
		500	8.59									
		1000	13.56									
<b>C8025</b> 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		10	0.91						
					50	2.09						
					100	3.00						
					200	4.33						
		500	7.03									
		1000	10.64									
<b>C8027</b> 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		10	0.91						
					50	2.09						
					100	3.00						
					200	4.33						
		500	7.03									
		1000	10.64									
<b>C8028</b> 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		10	0.78						
					50	1.97						
					100	2.70						
					200	3.97						
		500	6.35									
		1000	9.15									
<b>C8030</b> 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		10	1.90						
					50	1.98						
					100	2.80						
					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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Form No. CAR-0074-0803