

**CAROL
BRAND****ELECTRONICS
WIRE & CABLE**

■ CATV/MATV Coaxial Cables

General Cable now offers **Carol® Brand CATV/MATV Coaxial Cables** for Radio Frequency (RF) signal transmission in broadband cable television and master antenna applications. These coaxial cables are designed for low loss signal transmission and are available with a variety of shielding options in general purpose, riser and plenum constructions. CATV/MATV coaxial cables with attenuation ratings up to 2,200 or 2,300 MHz are also suitable for use in Direct Broadcast Satellite (DBS) installations. General Cable recommends you consult with the local CATV Company before installing coaxial cable to ensure that you have chosen the best cable for your specific application.

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.

 **General Cable**

CATV/MATV 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	
RG 6/U Type													
C5774 (General Purpose) RG 6/U Type MATV UL CL2, CATV, CM c(UL) CM	18 Ga. Solid Copper Clad Steel 28.9 Ω/M	Cellular Polyethylene		100% Flexfoil® Bonded +40% Aluminum Braid 10.5 Ω/M	Black PVC		16.20	53.15	85	75	50 100 200 500 1000	1.46 2.05 2.83 4.53 6.59	
		0.177	4.50		0.267	6.78							
C5775 (General Purpose) RG 6/U Type MATV, CATV, DBS UL CL2, CATCV, CM c(UL) CM	18 Ga. Solid Copper Clad Steel 28.9 Ω/M	Cellular Polyethylene		100% Flexfoil® Bonded +60% Al. Braid 9.0 Ω/M	Black PVC		16.20	53.15	85	75	1 10 50 100 200	0.26 0.81 1.46 2.05 2.83	
		0.177	4.50	Available with 95% Al. Braid instead of 60%, order P/N C5776.								200	2.83
C5886 (Riser)	Same as C5775 except UL CL2R, CATVR, CMR; c(UL) CMR for use in riser applications.											500	4.53
C5804 (non-UL direct burial)	Same as C5775 except MoistureGuard™ water block flooded and black PE jacket for use in direct burial applications.											1000	6.59
C5785 (General Purpose) RG 6/U Type, Quad Shield MATV, CATV, DBS UL CL2, CATV, CM c(UL) CM	18 Ga. Solid Copper Clad Steel 28.9 Ω/M	Cellular Polyethylene		(2) 100% Flexfoil® 1st Bonded (1) 60% Al. Braid (1) 40% Al. Braid 3.7 Ω/M	Black PVC		16.20	53.15	85	75	1450 1800 2200	8.10 8.80 10.10	
		0.177	4.50		0.292	7.42							
C5889 (Riser)	Same as C5785 except UL CL2R, CATVR, CMR; c(UL) CMR for use in riser applications.												
C3524 (Plenum) RG 6/U Type MATV, CATV UL CL2P, CMP c(UL) CMP	18 Ga. Solid Copper Clad Steel 28.9 Ω/M	Cellular Fluoropolymer		100% Flexfoil® +60% Aluminum Braid 9.0 Ω/M	Flexguard® Natural		16.00	52.50	86	75	1 10 50 100 200	0.30 0.66 1.50 2.10 3.10	
		0.170	4.318		0.226	5.74					500 1000 2300	5.00 7.30 12.20	
C3525 (Plenum) RG 6/U Type, Quad Shield MATV, CATV, DBS NEC CL2P, CMP CEC CMP	18 Ga. Solid Copper Clad Steel 28.9 Ω/M	Cellular Fluoropolymer		(2) 100% Flexfoil® 1st Bonded (1) 60% Al. Braid (1) 40% Al. Braid 5.3 Ω/M	Flexguard® Natural		16.00	52.50	86	75			
		0.170	4.318		0.264	6.71							
RG 11/U Type													
*C5039 (General Purpose) RG 11/U Type; MATV, CATV UL CL2, CATV, CM CSA CMG	14 Ga. Solid Copper Clad Steel 11.4 Ω/M	Cellular Polyethylene		100% Flexfoil® Bonded +60% Al. Braid 4.6 Ω/M	Black PVC		16.20	53.15	85	75	1 10 50 100	0.30 0.70 0.90 1.30	
		0.280	7.11		0.395	10.03					200 500 1000	1.90 3.00 4.40	
*C5044 (General Purpose) RG 11/U Type; MATV, CATV Quad Shield UL CL2, CATV, CM CSA CMG	14 Ga. Solid Copper Clad Steel 11.4 Ω/M	Cellular Polyethylene		(2) 100% Flexfoil® 1st Bonded (1) 61% Al. Braid (1) 40% Al. Braid 3.4 Ω/M	Black PVC		16.20	53.15	85	75			
		0.280	7.11		0.405	10.29							
RG 59/U Type													
*C5770 (General Purpose) RG 59/U Type MATV, CATV UL CL2, CATV, CM CSA CMG	22 Ga. Solid Copper Clad Steel 73.4 Ω/M	Cellular Polyethylene		100% Flexfoil® Bonded +40% Aluminum Braid 11.0 Ω/M	Black PVC		16.00	52.50	78	80	1 10 50 100 200 500 1000	0.50 1.00 2.30 3.30 4.10 6.50 9.40	
		0.144	3.66		0.231	5.87							
C5780 (General Purpose) RG 59/U Type; MATV UL CL2, CATV, CM; CSA CMG	20 Ga. Solid CCS 45.9 Ω/M	Cellular Polyethylene		100% Flexfoil®, Bonded +40% Al. Braid 11.0 Ω/M	Black PVC		16.20	53.15	85	75	1 10 50	0.60 1.20 1.95	
		0.144	3.66		0.234	5.94					100 200 500 1000	2.70 3.70 5.70 8.12	
*C5782 (General Purpose) RG 59/U Type; MATV, CATV UL CL2, CATV, CM; CSA CMG	20 Ga. Solid CCS 45.9 Ω/M	Cellular Polyethylene		100% Flexfoil®, Bonded +67% Al. Braid 9.7 Ω/M	Black PVC		16.20	53.15	85	75			
		0.144	3.66		0.234	5.94							
C5844 (non-UL direct burial)	Same as C5782 except MoistureGuard™ water block flooded and black PE jacket for use in direct burial applications.											1000	8.12
*C5784 (General Purpose) RG 59/U Type Quad Shield UL CL2, CATV, CM CSA CMG	20 Ga. Solid Copper Clad Steel 45.9 Ω/M	Cellular Polyethylene		(2) 100% Flexfoil® 1st Bonded (1) 67% Al. Braid (1) 46% Al. Braid 4.1 Ω/M	Black PVC		16.20	53.15	85	75	1 10 50 100 200 500 1000	0.60 1.20 1.95 2.70 3.70 5.70 8.12	
		0.144	3.66		0.270	6.86							
C3526 (Plenum) RG 59/U Type; MATV, CATV UL CL2P, CMP; c(UL) CMP	20 Ga. Solid CCS 45.9 Ω/M	Cellular Fluoropolymer		100% Flexfoil® +65% Al. Braid 10.7 Ω/M	Flexguard® Natural		16.00	52.50	84	75	1 10 50	0.34 1.07 1.77	
		0.135	3.429		0.202	5.13					100	2.50	
C3527 (Plenum) RG 59/U Type; Quad Shield MATV, CATV UL CL2P, CMP c(UL) CMP	20 Ga. Solid CCS 45.9 Ω/M	Cellular Fluoropolymer		(2) 100% Flexfoil® 1st Bonded (1) 60% Al. Braid (1) 40% Al. Braid 6.3 Ω/M	Flexguard® Natural		16.00	52.50	84	75	200 500 1000 2300	3.53 5.98 8.45 14.10	
		0.135	3.429		0.235	5.97							

*C5039, C5044, C5770, C5782, C5784 are also UL recognized. 1354



Product Construction:

Conductors:

- Copper clad steel (CCS) per ASTM B-869

Insulation/Core:

- Cellular polyethylene or Cellular fluoropolymer

Shield:

- Aluminum braid
- Flexfoil® shield(s)

Jacket:

- Premium PVC, PE, or Flexguard® compound

Packaging:

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

Applications:

- Suitable for RF signal transmission
- CATV
- MATV
- Direct burial

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