

**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<br>NOM. DCR                             | Insulation<br>Material    |    | Shield Coverage<br>Nom Shield DCR                                                     | Nominal<br>O.D.       |    | Nominal<br>Capacitance |       | Velocity of<br>Propagation,<br>% | Nominal<br>Impedance,<br>OHMS | Nominal<br>Attenuation                     |                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------|----|---------------------------------------------------------------------------------------|-----------------------|----|------------------------|-------|----------------------------------|-------------------------------|--------------------------------------------|------------------------------------------------------|
|                                                                                                                                                    |                                                  | inches                    | mm |                                                                                       | inches                | mm | pF/ft                  | pF/m  |                                  |                               | MHz                                        | dB/100ft                                             |
| RG 6/U Type                                                                                                                                        |                                                  |                           |    |                                                                                       |                       |    |                        |       |                                  |                               |                                            |                                                      |
| C5774 (General Purpose)<br>RG 6/U Type<br>MATV<br>UL CL2, CATV, CM<br>c(UL) CM                                                                     | 18 Ga.<br>Solid Copper<br>Clad Steel<br>28.9 Ω/M | Cellular<br>Polyethylene  |    | 100% Flexfoil®<br>Bonded<br>+40%<br>Aluminum Braid<br>10.5 Ω/M                        | Black PVC             |    | 16.20                  | 53.15 | 85                               | 75                            | 50<br>100<br>200<br>500<br>1000            | 1.46<br>2.05<br>2.83<br>4.53<br>6.59                 |
| C5775 (General Purpose)<br>RG 6/U Type<br>MATV, CATV, DBS<br>UL CL2, CATCV, CM<br>c(UL) CM                                                         | 18 Ga.<br>Solid Copper<br>Clad Steel<br>28.9 Ω/M | Cellular<br>Polyethylene  |    | 100% Flexfoil®<br>Bonded<br>+60% Al. Braid<br>9.0 Ω/M                                 | Black PVC             |    | 16.20                  | 53.15 | 85                               | 75                            | 1<br>10<br>50<br>100<br>200<br>500         | 0.26<br>0.81<br>1.46<br>2.05<br>2.83<br>4.53         |
| Available with 95% Al. Braid instead of 60%, order P/N C5776.                                                                                      |                                                  |                           |    |                                                                                       |                       |    |                        |       |                                  |                               | 1000                                       | 2.83                                                 |
| C5886 (Riser)<br>Same as C5775 except UL CL2R, CATVR, CMR; c(UL) CMR for use in riser applications.                                                |                                                  |                           |    |                                                                                       |                       |    |                        |       |                                  |                               | 500                                        | 4.53                                                 |
| C5804 (non-UL direct burial)<br>Same as C5775 except MoistureGuard™ water block flooded and black PE jacket for use in direct burial applications. |                                                  |                           |    |                                                                                       |                       |    |                        |       |                                  |                               | 1000                                       | 6.59                                                 |
| C5785 (General Purpose)<br>RG 6/U Type, Quad Shield<br>MATV, CATV, DBS<br>UL CL2, CATV, CM<br>c(UL) CM                                             | 18 Ga.<br>Solid Copper<br>Clad Steel<br>28.9 Ω/M | Cellular<br>Polyethylene  |    | (2) 100% Flexfoil®<br>1st Bonded<br>(1) 60% Al. Braid<br>(1) 40% Al. Braid<br>3.7 Ω/M | Black PVC             |    | 16.20                  | 53.15 | 85                               | 75                            | 1450<br>1800<br>2200                       | 8.10<br>8.80<br>10.10                                |
| C5889 (Riser)<br>C3524 (Plenum)<br>RG 6/U Type<br>MATV, CATV<br>UL CL2P, CMP<br>c(UL) CMP                                                          | 18 Ga.<br>Solid Copper<br>Clad Steel<br>28.9 Ω/M | Cellular<br>Fluoropolymer |    | 100% Flexfoil®<br>+60%<br>Aluminum Braid<br>9.0 Ω/M                                   | Flexguard®<br>Natural |    | 16.00                  | 52.50 | 86                               | 75                            | 1<br>10<br>50<br>100<br>200<br>500         | 0.30<br>0.66<br>1.50<br>2.10<br>3.10<br>5.00         |
| C3525 (Plenum)<br>RG 6/U Type, Quad Shield<br>MATV, CATV, DBS<br>NEC CL2P, CMP<br>CEC CMP                                                          | 18 Ga.<br>Solid Copper<br>Clad Steel<br>28.9 Ω/M | Cellular<br>Fluoropolymer |    | (2) 100% Flexfoil®<br>1st Bonded<br>(1) 60% Al. Braid<br>(1) 40% Al. Braid<br>5.3 Ω/M | Flexguard®<br>Natural |    | 16.00                  | 52.50 | 86                               | 75                            | 1000<br>2300                               | 7.30<br>12.20                                        |
| RG 11/U Type                                                                                                                                       |                                                  |                           |    |                                                                                       |                       |    |                        |       |                                  |                               |                                            |                                                      |
| *C5039 (General Purpose)<br>RG 11/U Type; MATV, CATV<br>UL CL2, CATV, CM<br>CSA CMG                                                                | 14 Ga.<br>Solid Copper<br>Clad Steel<br>11.4 Ω/M | Cellular<br>Polyethylene  |    | 100% Flexfoil®<br>Bonded<br>+60% Al. Braid<br>4.6 Ω/M                                 | Black PVC             |    | 16.20                  | 53.15 | 85                               | 75                            | 1<br>10<br>50<br>100                       | 0.30<br>0.70<br>0.90<br>1.30                         |
| *C5044 (General Purpose)<br>RG 11/U Type; MATV, CATV<br>Quad Shield<br>UL CL2, CATV, CM<br>CSA CMG                                                 | 14 Ga.<br>Solid Copper<br>Clad Steel<br>11.4 Ω/M | Cellular<br>Polyethylene  |    | (2) 100% Flexfoil®<br>1st Bonded<br>(1) 61% Al. Braid<br>(1) 40% Al. Braid<br>3.4 Ω/M | Black PVC             |    | 16.20                  | 53.15 | 85                               | 75                            | 200<br>500<br>1000                         | 1.90<br>3.00<br>4.40                                 |
| RG 59/U Type                                                                                                                                       |                                                  |                           |    |                                                                                       |                       |    |                        |       |                                  |                               |                                            |                                                      |
| *C5770 (General Purpose)<br>RG 59/U Type<br>MATV, CATV<br>UL CL2, CATV, CM<br>CSA CMG                                                              | 22 Ga.<br>Solid Copper<br>Clad Steel<br>73.4 Ω/M | Cellular<br>Polyethylene  |    | 100% Flexfoil®<br>Bonded<br>+40%<br>Aluminum Braid<br>11.0 Ω/M                        | Black PVC             |    | 16.00                  | 52.50 | 78                               | 80                            | 1<br>10<br>50<br>100<br>200<br>500<br>1000 | 0.50<br>1.00<br>2.30<br>3.30<br>4.10<br>6.50<br>9.40 |
| C5780 (General Purpose)<br>RG 59/U Type; MATV<br>UL CL2, CATV, CM; CSA CMG                                                                         | 20 Ga.<br>Solid CCS<br>45.9 Ω/M                  | Cellular<br>Polyethylene  |    | 100% Flexfoil®, Bonded<br>+40% Al. Braid<br>11.0 Ω/M                                  | Black PVC             |    | 16.20                  | 53.15 | 85                               | 75                            | 1<br>10<br>50                              | 0.60<br>1.20<br>1.95                                 |
| *C5782 (General Purpose)<br>RG 59/U Type; MATV, CATV<br>UL CL2, CATV, CM; CSA CMG                                                                  | 20 Ga.<br>Solid CCS<br>45.9 Ω/M                  | Cellular<br>Polyethylene  |    | 100% Flexfoil®, Bonded<br>+67% Al. Braid<br>9.7 Ω/M                                   | Black PVC             |    | 16.20                  | 53.15 | 85                               | 75                            | 100<br>200<br>500                          | 2.70<br>3.70<br>5.70                                 |
| C5844 (non-UL direct burial)<br>Same as C5782 except MoistureGuard™ water block flooded and black PE jacket for use in direct burial applications. |                                                  |                           |    |                                                                                       |                       |    |                        |       |                                  |                               | 1000                                       | 8.12                                                 |
| *C5784 (General Purpose)<br>RG 59/U Type<br>Quad Shield<br>UL CL2, CATV, CM<br>CSA CMG                                                             | 20 Ga.<br>Solid Copper<br>Clad Steel<br>45.9 Ω/M | Cellular<br>Polyethylene  |    | (2) 100% Flexfoil®<br>1st Bonded<br>(1) 67% Al. Braid<br>(1) 46% Al. Braid<br>4.1 Ω/M | Black PVC             |    | 16.20                  | 53.15 | 85                               | 75                            | 1<br>10<br>50<br>100<br>200<br>500<br>1000 | 0.60<br>1.20<br>1.95<br>2.70<br>3.70<br>5.70<br>8.12 |
| C3526 (Plenum)<br>RG 59/U Type; MATV, CATV<br>UL CL2P, CMP; c(UL) CMP                                                                              | 20 Ga.<br>Solid CCS<br>45.9 Ω/M                  | Cellular<br>Fluoropolymer |    | 100% Flexfoil®<br>+65% Al. Braid<br>10.7 Ω/M                                          | Flexguard®<br>Natural |    | 16.00                  | 52.50 | 84                               | 75                            | 1<br>10<br>50                              | 0.34<br>1.07<br>1.77                                 |
| C3527 (Plenum)<br>RG 59/U Type; Quad Shield<br>MATV, CATV<br>UL CL2P, CMP<br>c(UL) CMP                                                             | 20 Ga.<br>Solid CCS<br>45.9 Ω/M                  | Cellular<br>Fluoropolymer |    | (2) 100% Flexfoil®<br>1st Bonded<br>(1) 60% Al. Braid<br>(1) 40% Al. Braid<br>6.3 Ω/M | Flexguard®<br>Natural |    | 16.00                  | 52.50 | 84                               | 75                            | 100<br>200<br>500<br>1000<br>2300          | 2.50<br>3.53<br>5.98<br>8.45<br>14.10                |

\*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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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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