

**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

# 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                 |      |
|                                                                                                        |                                                                                                                    | 0.177                     | 4.50  |                                                                                       | 0.267                 | 6.78  |                        |       |                                  |                               |                                            |                                                      |      |
| 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                | 0.26<br>0.81<br>1.46<br>2.05<br>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)<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                                |      |
|                                                                                                        |                                                                                                                    | 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.                                 |                           |       |                                                                                       |                       |       |                        |       |                                  |                               |                                            | 200                                                  | 2.83 |
| 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                | 0.30<br>0.66<br>1.50<br>2.10<br>3.10                 |      |
|                                                                                                        |                                                                                                                    | 0.170                     | 4.318 |                                                                                       | 0.226                 | 5.74  |                        |       |                                  |                               | 500<br>1000<br>2300                        | 5.00<br>7.30<br>12.20                                |      |
| 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                            | 500<br>1000<br>2300                        | 5.00<br>7.30<br>12.20                                |      |
|                                                                                                        |                                                                                                                    | 0.170                     | 4.318 |                                                                                       | 0.264                 | 6.71  |                        |       |                                  |                               |                                            |                                                      |      |
| 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                         |      |
|                                                                                                        |                                                                                                                    | 0.280                     | 7.11  |                                                                                       | 0.395                 | 10.03 |                        |       |                                  |                               |                                            |                                                      |      |
| *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                                 |      |
|                                                                                                        |                                                                                                                    | 0.280                     | 7.11  |                                                                                       | 0.405                 | 10.29 |                        |       |                                  |                               |                                            |                                                      |      |
| 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 |      |
|                                                                                                        |                                                                                                                    | 0.144                     | 3.66  |                                                                                       | 0.231                 | 5.87  |                        |       |                                  |                               |                                            |                                                      |      |
| 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                                 |      |
|                                                                                                        |                                                                                                                    | 0.144                     | 3.66  |                                                                                       | 0.234                 | 5.94  |                        |       |                                  |                               |                                            |                                                      |      |
| *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                                 |      |
|                                                                                                        |                                                                                                                    | 0.144                     | 3.66  |                                                                                       | 0.234                 | 5.94  |                        |       |                                  |                               | 1000                                       | 8.12                                                 |      |
| 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)<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 |      |
|                                                                                                        |                                                                                                                    | 0.144                     | 3.66  |                                                                                       | 0.270                 | 6.86  |                        |       |                                  |                               |                                            |                                                      |      |
| 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                                 |      |
|                                                                                                        |                                                                                                                    | 0.135                     | 3.429 |                                                                                       | 0.202                 | 5.13  |                        |       |                                  |                               | 100<br>200<br>500<br>1000<br>2300          | 2.50<br>3.53<br>5.98<br>8.45<br>14.10                |      |
| 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                |      |
|                                                                                                        |                                                                                                                    | 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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## О компании

ООО "ТрейдЭлектроникс" - это оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов. Реализуемая нашей компанией продукция насчитывает более полумиллиона наименований.

Благодаря этому наша компания предлагает к поставке практически не ограниченный ассортимент компонентов как оптовыми, мелкооптовыми партиями, так и в розницу.

Наличие собственной эффективной системы логистики обеспечивает надежную поставку продукции по конкурентным ценам в точно указанные сроки.

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Благодаря развитой сети поставщиков, помогаем в поиске и приобретении экзотичных или снятых с производства компонентов.

Предоставляем спец цены на элементы для создания инженерных сэмплов.

**Упорный труд, качественный результат дают нам право быть уверенными в себе и надежными для наших клиентов.**

### Наша компания это:

- Гарантия качества поставляемой продукции
- Широкий ассортимент
- Минимальные сроки поставок
- Техническая поддержка
- Подбор комплектации
- Индивидуальный подход
- Гибкое ценообразование

Наша организация особенно сильна в поставках модулей, микросхем, пассивных компонентов, ксайленсах (XC), EPF, EPM и силовой электроники.

Большой выбор предлагаемой продукции, различные виды оплаты и доставки, позволят Вам сэкономить время и получить максимум выгоды от сотрудничества с нами!

## Перечень производителей, продукцию которых мы поставляем на российский рынок





Trade Electronics.ru

гарантия бесперебойности производства и  
качества выпускаемой продукции

С удовольствием будем прорабатывать для Вас поставки всех необходимых компонентов по текущим запросам для скорейшего выявления групп элементов, по которым сотрудничество именно с нашей компанией будет для Вас максимально выгодным!

С уважением,

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