

# Residential Sound, Security, Communication and Automation Solutions Guide

**CAROL  
BRAND**

**ELECTRONICS  
WIRE & CABLE**

General Cable Carol® Brand wire and cable products are the right solution for all home sound, security, communication and automation applications. Carol offers a broad offering of electronic products to meet all residential applications, including:

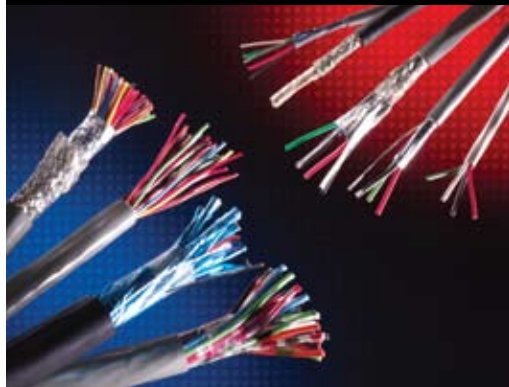
- Home Automation Controls
- Alarm and Security Systems
- Data Communications Networking
- Home Entertainment Systems

Whatever the need calls for, General Cable has a cable that delivers the performance both you and your customers require for their specific needs.

The General Cable Residential Sound, Security, Communication and Automation Solutions Guide provides a quick and easy reference to identify every Carol Brand cable for the appropriate residential sound and security application.

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.

## Home Automation Controls



| APPLICATIONS             | Cable Solution | Description                              |
|--------------------------|----------------|------------------------------------------|
| <b>Home Run Cables</b>   | CR5.30.02      | Cat 5e 24/4 Pair Riser, 1000' PPC, WH    |
|                          | CR5.30.07      | Cat 5e 24/4 Pair Riser, 1000' PPC, DK BL |
|                          | CR5.30.10      | Cat 5e 24/4 Pair Riser, 1000' PPC, GY    |
|                          | CR6.30.02      | Cat 6 24/4 Pair Riser, 1000' PPC, WH     |
|                          | CR6.30.07      | Cat 6 24/4 Pair Riser, 1000' PPC, DK BL  |
|                          | CR6.30.10      | Cat 6 24/4 Pair Riser, 1000' PPC, GY     |
|                          | C5775          | RG 6 CCS/Foil/60% AL Braid CATV/CM       |
| <b>Lighting Controls</b> | C5785          | RG 6 CCS/Quad/60/40% AL Braid CATV/CM    |
|                          | E1032S         | 18/2 Conductor Riser                     |
|                          | E1034S         | 18/4 Conductor Riser                     |
|                          | E1042S         | 16/2 Conductor Riser                     |
|                          | E1044S         | 16/4 Conductor Riser                     |
|                          | E2032S         | 18/2 Conductor Shielded Riser            |
|                          | E2034S         | 18/4 Conductor Shielded Riser            |
|                          | E2042S         | 16/2 Conductor Shielded Riser            |
|                          | E2044S         | 16/4 Conductor Shielded Riser            |
|                          | E1052S         | 14/2 Conductor Riser                     |

## Alarm and Security Systems



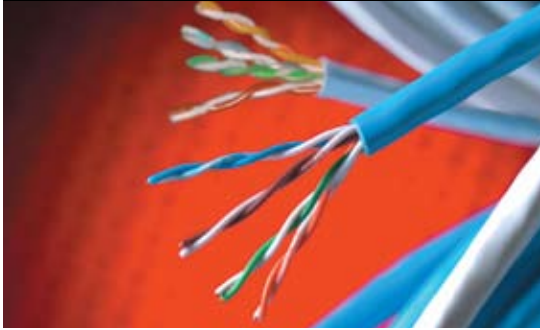
| APPLICATIONS                | Cable Solution | Description                                     |
|-----------------------------|----------------|-------------------------------------------------|
| <b>Smoke Detection</b>      | E1502S         | 18/2 Conductor Riser FPLR                       |
|                             | E1504S         | 18/4 Conductor Riser FPLR                       |
|                             | E1512S         | 16/2 Conductor Riser FPLR                       |
|                             | E1514S         | 16/4 Conductor Riser FPLR                       |
|                             | E1522S         | 14/2 Conductor Riser FPLR                       |
|                             | E1532S         | 12/2 Conductor Riser FPLR                       |
| <b>Strobes &amp; Sirens</b> | E1512S         | 16/2 Conductor Riser FPLR                       |
|                             | E1522S         | 14/2 Conductor Riser FPLR                       |
|                             | E1532S         | 12/2 Conductor Riser FPLR                       |
|                             | E1032S         | 18/2 Conductor Riser CMR/CL3R                   |
|                             | E1042S         | 16/2 Conductor Riser CMR/CL3R                   |
|                             | E1052S         | 14/2 Conductor Riser CL3R                       |
| <b>Door Controllers</b>     | E2030S         | 18/2 Conductor Shielded Riser CMR/CL3R Solid    |
|                             | E2032S         | 18/2 Conductor Shielded Riser CMR/CL3R Stranded |
|                             | E2034S         | 18/4 Conductor Shielded Riser CMR/CL3R          |
| <b>Video Surveillance</b>   | C8030          | RG 59/U + 18 AWG Unshielded Pair                |
|                             | C8029          | RG 6 + 18 AWG Pair Siamese                      |
|                             | C8027          | RG 59 + 18 AWG Shielded Pair Siamese            |
|                             | C8028          | RG 59 + 18 AWG Pair Siamese                     |
|                             | C1103          | RG 59 7/30 BC/95% BC Braid CATV/CM              |
|                             | C1142          | RG 59 Solid BC/95% BC Braid CATV/CM             |
|                             | C5R004         | Cat 5e 24/4 Pair Riser                          |
|                             | C4408          | 22/2 Conductor CMR/CMX                          |
|                             | C4408ST        | 22/2 Conductor Stranded CMR/CMX                 |
|                             | C4412          | 22/4 Conductor CMR/CMX                          |
| <b>Burglar Alarms</b>       | C4412ST        | 22/2 Conductor Stranded CMR/CMX                 |
|                             | C4408.86.XX    | 22/2 Solid Conductor CM/CMX* 500' Coil Packs    |
|                             | C4408ST.86.XX  | 22/2 Stranded Conductor CM/CMX* 500' Coil Packs |
|                             | C4412.86.XX    | 22/4 Solid Conductor CM/CMX* 500' Coil Packs    |
|                             | C4412ST.86.XX  | 22/4 Stranded Conductor CM/CMX* 500' Coil Packs |
|                             | E1032S         | 18/2 Conductor Riser CMR/CL3R                   |
|                             | E1034S         | 18/4 Conductor Riser CMR/CL3R                   |
|                             | E2002S         | 22/2 Conductor Shielded Riser                   |
|                             | E2004S         | 22/4 Conductor Shielded Riser                   |
|                             | E2032S         | 18/2 Conductor Shielded Riser CMR/CL3R          |
|                             | E2034S         | 18/4 Conductor Shielded Riser CMR/CL3R          |
|                             | C5R004         | Cat 5e 24/4 Pair Riser                          |

**Burglar  
Alarm Cable  
in 500' Coil  
Packs\***

\*Available Colors for Burglar Alarm Coil Packs  
XX = White Gray Green Beige Yellow Dark Blue

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## Data Communications Networking



| APPLICATIONS                         | Cable Solution | Description                    |
|--------------------------------------|----------------|--------------------------------|
| <b>Cat 3, 5e &amp; 6 Connections</b> | C3R002         | Cat 3 24/2 Pair Riser          |
|                                      | C3R004         | Cat 3 24/4 Pair Riser          |
|                                      | C4413          | Cat 3 24/2 Pair Indoor/Outdoor |
|                                      | C5R004         | Cat 5e 24/4 Pair Riser         |
|                                      | C6R004         | Cat 6 24/4 Pair Riser          |
|                                      |                |                                |

## Home Entertainment Systems



| APPLICATIONS         | Cable Solution | Description                                        |
|----------------------|----------------|----------------------------------------------------|
| <b>Intercoms</b>     | C4010          | 22/2 Pair CM                                       |
|                      | C4408          | 22/2 Conductor CMR/CMX                             |
|                      | C6015          | 22/4 Pair CM                                       |
|                      | C6118          | 18/2 Pair CM                                       |
|                      | C6106          | 18/6 Pair CM                                       |
|                      | C4412          | 22/4 Conductor Intercom CMR/CMX Indoor/Outdoor     |
|                      | C4413          | 24/2 Pair Telephone Station CMR/CMX Indoor/Outdoor |
|                      |                |                                                    |
| <b>Speakers</b>      | C1362          | 22/2 Conductor Zip (not for in-wall use)           |
|                      | C1357          | 18/2 Conductor Zip (not for in-wall use)           |
|                      | C1458          | 16/2 Conductor Zip CL2                             |
|                      | C1461          | 14/2 Conductor Zip CL2                             |
|                      | C1463          | 12/2 Conductor Zip CL2                             |
|                      | C1357          | 18/2 Conductor Zip (not for in-wall use)           |
| <b>Sound Systems</b> | C1358          | 16/2 Conductor Zip (not for in-wall use)           |
|                      | C1458          | 16/2 Conductor Zip CL2                             |
|                      | C1461          | 14/2 Conductor Zip CL2                             |
|                      | C1463          | 12/2 Conductor Zip CL2                             |
|                      | C1800          | 12/2 Conductor Oxygen-Free High Definition         |
|                      | C1801          | 12/4 Conductor Oxygen-Free High Definition         |
|                      | C1802          | 14/2 Conductor Oxygen-Free High Definition         |
|                      | C1803          | 14/4 Conductor Oxygen-Free High Definition         |
|                      | C1804          | 16/2 Conductor Oxygen-Free High Definition         |
|                      | C1805          | 16/4 Conductor Oxygen-Free High Definition         |
| <b>CATV*</b>         | C1707          | 18/4 Conductor High Strand Speaker Cable CL3       |
|                      | C1704          | 16/2 Conductor High Strand Speaker Cable CL3       |
|                      | C1705          | 16/4 Conductor High Strand Speaker Cable CL3       |
|                      | C1702          | 14/2 Conductor High Strand Speaker Cable CL3       |
|                      | C1703          | 14/4 Conductor High Strand Speaker Cable CL3       |
|                      | C3524          | RG 6/U CCS/Foil/60% AL Braid CL2P/CMP              |
|                      | C3528          | RG 11/U CCS/Foil/60% AL Braid CL2P/CMP             |
|                      | C5775          | RG 6 CCS/Foil/60% AL Braid CATV/CM                 |
|                      | C5785          | RG 6 CCS/Quad 60/40% AL Braid CATV/CM              |
|                      | C5814          | RG 6 SBC/Foil/95% TC Braid CATV/CM                 |
| <b>CCTV*</b>         | C5770          | RG 59 CCS/Foil/40% AL Braid CATV/CM                |
|                      | C5784          | RG 59 CCS/Quad/67%/46% AL Braid CATV/CM            |
|                      | C5814          | RG 6 SBC/Foil/95% TC Braid CATV/CM                 |
|                      | C1103          | RG 59 Stranded BC/95% BC Braid CATV/CM             |
|                      | C1142          | RG 59 Solid BC/95% BC Braid CATV/CM                |
|                      | C8029          | RG 6 + 18/2 AWG Pair Siamese                       |
|                      | C8030          | RG 59/U + 18 AWG Unshielded Pair                   |
|                      | 495028         | RG 59/U + Plenum Precision & Miniature Cable       |
|                      | 395058         | RG 11/U Serial Digital Interface (SDI), CM Rated   |
|                      |                |                                                    |

Oxygen-Free  
+ ETP  
High-Performance  
Home Theater  
Cables

| APPLICATIONS                  | Cable Solution | Description                                                                          |
|-------------------------------|----------------|--------------------------------------------------------------------------------------|
| <b>CCTV* (cont.)</b>          | 495015         | RG 11/U Serial Digital Interface (SDI), Plenum Rated                                 |
|                               | 495035         | RG 6/U Multi-Channel Digital/Precision, Plenum Rated                                 |
|                               | 395014         | RG 6/U Broadband Quad Shield, Riser Rated                                            |
|                               | C5R004         | Cat 5e 24/4 Pair Riser                                                               |
|                               | C6R004         | Cat 6 24/4 Pair Riser                                                                |
|                               |                |                                                                                      |
| <b>Digital Video*</b>         | C5814          | RG 6 SBC/Foil/95% TC Braid CATV/CM                                                   |
|                               | C5920          | RG 6 CCS/Quad 90/90% AL Braid CATV/CM                                                |
|                               | C5775          | RG 6 CCS/Foil/60% AL Braid CATV/CM                                                   |
|                               | C5785          | RG 6 CCS/Quad 60/40% AL Braid CATV/CM                                                |
|                               | C6R004         | Cat 6 24/4 Pair Riser                                                                |
|                               |                |                                                                                      |
| <b>Cable Modem/Broadband*</b> | C5775          | RG 6 CCS/Foil/60% AL Braid CATV/CM                                                   |
|                               | C5785          | RG 6 CCS/Quad 60/40% AL Braid CATV/CM                                                |
|                               | C5920          | RG 6 CCS/Quad 90/90% AL Braid CATV/CM                                                |
|                               | C6R004         | Cat 6 24/4 Pair Riser                                                                |
|                               |                |                                                                                      |
|                               |                |                                                                                      |
| <b>Audio Systems</b>          | C1357          | 18/2 Conductor Zip (not for in-wall use)                                             |
|                               | C1458          | 16/2 Conductor Zip CL2                                                               |
|                               | C1461          | 14/2 Conductor Zip CL2                                                               |
|                               | C1463          | 12/2 Conductor Zip CL2                                                               |
|                               | C1704          | 16/2 Conductor High Strand Speaker Cable CL3                                         |
|                               | C1705          | 16/4 Conductor High Strand Speaker Cable CL3                                         |
|                               | C1702          | 14/2 Conductor High Strand Speaker Cable CL3                                         |
|                               | C1703          | 14/4 Conductor High Strand Speaker Cable CL3                                         |
|                               | C5910          | RG 6 18 AWG CCS/Foil/90% AL Braid CATV/CM                                            |
|                               | C5920          | RG 6 CCS Quad 90/90% AL Braid CATV/CM                                                |
| <b>HDTV*</b>                  | C5814          | RG 6 SBC/Foil/95% TC Braid CATV/CM                                                   |
|                               | C5824          | RG 6 SBC/Foil/60% AL Braid w/Ground CATV/CM                                          |
|                               | C1704          | 16/2 Conductor High Strand Speaker Cable CL3                                         |
|                               | C1705          | 16/4 Conductor High Strand Speaker Cable CL3                                         |
|                               | C1702          | 14/2 Conductor High Strand Speaker Cable CL3                                         |
|                               | C1703          | 14/4 Conductor High Strand Speaker Cable CL3                                         |
|                               | C1700          | 12/2 Conductor High Strand Speaker Cable CL3                                         |
|                               | 395031X3       | RG 59/U 3-Conductor Mini Serial Digital Interface (SDI), Precision Coax, Riser Rated |
|                               | 395031X5       | RG 59/U 5-Conductor Mini Serial Digital Interface (SDI), Precision Coax, Riser Rated |
|                               | 495023         | RG 59/U Serial Digital Interface (SDI), Precision Coax, Plenum Rated                 |
| <b>DBS*</b>                   | 495025         | RG 6/U Serial Digital Interface (SDI), Precision, Plenum Rated                       |
|                               | 395011         | RG 6/U Serial Digital Interface (SDI), Precision, Riser Rated                        |
|                               | 395031         | RG 59/U Serial Digital Interface (SDI), Precision Coax, Riser Rated                  |
|                               | C5814          | RG 6 SBC/Foil/95% TC Braid CATV/CM                                                   |
|                               | C5822          | RG 6 Dual CCS/Foil/60% AL Braid CATV/CM (Dual C5775)                                 |
|                               | C5824          | RG 6 SBC/Foil/60% AL Braid w/Ground CATV/CM                                          |
|                               | C5826          | RG 6 Dual SBC/Foil/60% AL Braid w/Ground CATV/CM (Dual C5824)                        |
|                               | C5920          | RG 6 CCS/Quad 90/90% AL Braid CATV/CM                                                |
|                               |                |                                                                                      |
|                               |                |                                                                                      |

### \*Abbreviation Key

|                         |                          |
|-------------------------|--------------------------|
| AL - aluminum           | WH - white jacket        |
| CCS - copper clad steel | DK BL - dark blue jacket |
| SBC - solid bare copper | GY - gray jacket         |
| TC - tinned copper      | PPC - Pull-Pac®          |

**CAROL  
BRAND**

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