



# PRODUCT CATALOG



The image shows a trade show booth for Commodity Cables, Inc. The booth features a large backdrop with the company logo and tagline. The logo consists of a stylized 'C' with a red and black polka-dot pattern. The tagline reads 'The Premier Manufacturer of Wire and Cable Products'. The backdrop also lists the company's product offerings: Voice & Data Cable, Coaxial Cable, Outdoor, Aerial, CMR, CMP, and Private Label Brands. In the foreground, there is a counter with a sign that reads 'COMMODITY CABLES, INC.' and 'The Premier Manufacturer of Wire and Cable Products'. On the counter, there are several items including a box of Category 6 Plenum CMP, a box of ETL, and a box of Pull Box. To the right of the counter, there are two framed images: one showing a bundle of colorful cables and another showing a close-up of a cable connector.

**COMMODITY CABLES, INC.**

*The Premier Manufacturer of Wire and Cable Products*

- Voice & Data Cable
- Coaxial Cable
- Outdoor, Aerial, CMR, CMP
- Private Label Brands

**COMMODITY CABLES, INC.**

*The Premier Manufacturer of Wire and Cable Products*

Category 6 Plenum CMP

PULL BOX

ETL





I have been fortunate to have assembled some of the greatest talent in the Wire and Cable business today. This team is a combination of Industry veterans from the Electrical, Security, and Voice and Data industry. Our people make the difference.

A blend of eager new sales people, and experienced respected leaders makes up our inside team. It's really about the quality of people, keeping them motivated, and being accountable to the company for their actions and decisions.

I am proud to be a part of this team. Our team is committed to "The Journey to be better". Everyday we are striving to be a better supplier to our customers. The best is yet to come.

Thank you for your business, loyalty and support. We will do what we say we are going to do, with honesty and integrity. We value you as a customer and appreciate you.

All the Best,

**Fred Rescigno, Jr**  
President & CEO

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## Mission Statement

To provide highest quality product, fast delivery with same day service, with the best, most knowledgeable and experienced sales people in the industry.

## Get to Know Us!

Commodity Cables is a privately-owned family company, that prides itself on the good old-fashioned values of putting the customers first and providing complete customer service satisfaction.

Since evolving from a manufacturer representative company in 2001, Commodity Cables originally began private labeling product for domestic manufacturers, concentrating on price sensitive commodity items that USA manufacturers could no longer be competitive with. We continue to invest in our suppliers, purchasing equipment, and manufacturing our own products.

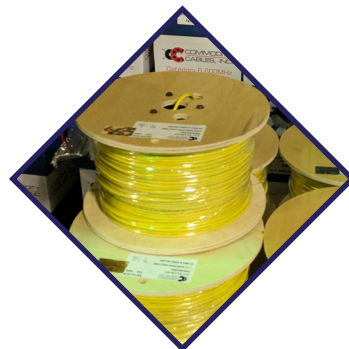
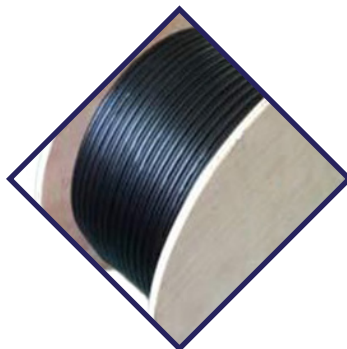
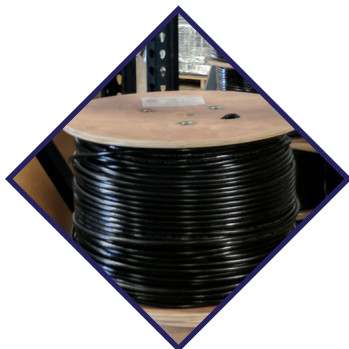
We use USA manufacturers for our life safety cables such as fire alarm and security.

| DESCRIPTION                                        | PART NO. | PKG | JACKET COLOR            |
|----------------------------------------------------|----------|-----|-------------------------|
| <b>Indoor Riser</b>                                |          |     |                         |
| Cat 5E, UTP, PVC, CMR, 350MHz, 24awg/4pr           | 5ECMR244 | B   | O W G B R V O R P P I Y |
| Cat 5E, FTP, Shielded, PVC, CMR, 350MHz, 24awg/4pr | 5ESHDCMR | B   | O W G B R V O R P P I Y |
| Cat 6, UTP, PVC, CMR, 600MHz, 23awg/4pr            | 6CMR234  | B   | O W G B R V O R P P I Y |
| Cat 6, FTP, Shielded, PVC, CMR, 550MHz, 23awg/4pr  | 6SHDCMR  | R   | O W G B R V O R P P I Y |
| Cat 6A, FTP, Shielded, PVC, CMR, 10G, 23awg/4pr    | 6ASHDCMR | B   | O W                     |
| Cat 6A, UTP, PVC, CMR, 10G, 23awg/4pr              | 6ACMR234 | R   | R Y O G W               |

|                                                  |           |   |                         |
|--------------------------------------------------|-----------|---|-------------------------|
| <b>Plenum</b>                                    |           |   |                         |
| Cat 5E, UTP, PVC, CMP, 100MHz, 24awg/25pr        | 5ECMP2425 | R | O                       |
| Cat 5E, UTP, Plenum, 350MHz, 24awg/4pr           | 5ECMP244  | B | O W G B R V O R P P I Y |
| Cat 5E, FTP, Shielded, Plenum, 350MHz, 24awg/4pr | 5ESHDCMP  | B | O W G B R V O R P P I Y |
| Cat 6, UTP, Plenum, 600MHz, 23awg/4pr            | 6CMP234   | B | O W G B R V O R P P I Y |
| Cat 6, FTP, Shielded, Plenum, 550MHz, 23awg/4pr  | 6SHDCMP   | R | O W G B R V O R P P I Y |
| Cat 6A, UTP, Plenum, 10G, 23awg/4pr              | 6ACMP234  | R | O W                     |
| Cat 6A, FTP, Shielded, Plenum, 10G, 23awg/4pr    | 6ASHDCMP  | R | O W                     |

|                                                                                                   |           |   |   |
|---------------------------------------------------------------------------------------------------|-----------|---|---|
| <b>Outdoor Cable</b>                                                                              |           |   |   |
| Cat 5E, Direct Burial, UTP, PE, 350MHz, 24awg/4pr                                                 | 5EOUT244  | R | B |
| Cat 5E, Direct Burial, Gel Filled, UTP, PE, 350MHz, 24awg/4pr                                     | 5EOUTG244 | R | B |
| Cat 5E, Direct Burial, WaterBlock Tape, UTP, PE, 350MHz, 24awg/4pr                                | 5EOUTW244 | R | B |
| Cat 5E, Direct Burial, Shielded, Gel Filled, FTP, PE, 350MHz, 24awg/4pr                           | 5EOUTGSHD | R | B |
| Cat 5E, Direct Burial, Shielded, WaterBlock Tape, FTP, PE, 350MHz, 24awg/4pr                      | 5EOUTWSHD | R | B |
| Cat 6, Direct Burial, UV Rated, UTP, PE, 550MHz, 23awg/4pr                                        | 6OUT234   | R | B |
| Cat 6, Direct Burial, Gel Filled, UV Rated, UTP, PE, 550MHz, 23awg/4pr                            | 6OUTG234  | R | B |
| Cat 6, Direct Burial, WaterBlock Tape, UV Rated, UTP, PE, 550MHz, 23awg/4pr                       | 6OUTW234  | R | B |
| Cat 6, Direct Burial, Shielded, Gel Filled, UV Rated, FTP, PE, 550MHz, 23awg/4pr                  | 6OUTGSHD  | R | B |
| Cat 6, Direct Burial, Shielded, WaterBlock Tape, UV Rated, FTP, PE, 550MHz, 23awg/4pr             | 6OUTWSHD  | R | B |
| Cat 6A, Direct Burial, Gel Filled, UV Rated, UTP, PE, 10G, 23awg/4pr                              | 6AOUTG234 | R | B |
| Cat 6A, Direct Burial, Shielded, Gel Filled, UV Rated, FTP, PE, 10G, 23awg/4pr                    | 6AOUTGSHD | R | B |
| RG6, Direct Burial, Dual Shield, WaterBlock Tape, UV Rated, 3GHz, 18awg, CCS, 60% AL Braid, CATV  | 6OUTWCCS  | R | B |
| RG6, Direct Burial, Quad Shield, UV Rated, 3GHz, 18awg, CCS, CATV                                 | 6OUTQCCS  | R | B |
| RG6, Direct Burial, Quad Shield, WaterBlock Tape, UV Rated, 3GHz, 18awg, CCS, CATV                | 6OUTQWCCS | R | B |
| RG11, Direct Burial, Dual Shield, WaterBlock Tape, UV Rated, 3GHz, 14awg, CCS, 60% AL Braid, CATV | 11OUTWCCS | R | B |

|                                                                         |             |      |     |
|-------------------------------------------------------------------------|-------------|------|-----|
| <b>COAX RG6/U</b>                                                       |             |      |     |
| RG6, PVC, Dual Shield, 3GHz, 18awg, CCS, 60% AL Braid, CMR/CATV         | 6CCSCMR     | R SB | W B |
| RG6, PVC, Dual Shield, 3GHz, 18awg, SBC, 95% Copper Braid, CMR/CCTV     | 6SCCMR95    | R    | B   |
| RG6, PVC, Quad Shield, 3GHz, 18awg, CCS, CMR/CATV                       | 6QCCSCMR RB | R SB | W B |
| RG6, PVC, Quad Shield, Dual Siamese, 3GHz, 18awg, CCS, CMR/CATV         | 6QDCCSCMR   | R    | B   |
| RG6, Plenum, Dual Shield, 3GHz, 18awg, CCS, 60% 40% AL Braid, CMP/CATVP | 6CCSCMP     | R    | W B |
| RG6, Plenum, Quad Shield, 3GHz, 18awg, CCS, CMP/CATVP                   | 6QCCSCMP    | R    | W B |





| DESCRIPTION                                                         | PART NO.  | PKG | JACKET COLOR |
|---------------------------------------------------------------------|-----------|-----|--------------|
| <b>COAX RG 11</b>                                                   |           |     |              |
| RG11, PVC, Dual Shield, 3GHz, 14awg, CCS, 60% AL Braid, CMR/CATV    | 11CCSCMR  | R   | B            |
| RG11, Plenum, Dual Shield, 3GHz, 14awg, CCS, 60% AL Braid, CMR/CATV | 11CCSCMP  | R   | W            |
| RG11, PVC, Quad Shield, 3GHz, 14awg, CCS, 60% AL Braid, CMR/CATV    | 11QCCSCMR | R   | B            |
| RG11, Plenum, Quad Shield, 3GHz, 14awg, CCS, 60% AL Braid, CMP/CATV | 11QCCSCMP | R   | W            |

|                                                                     |             |    |     |
|---------------------------------------------------------------------|-------------|----|-----|
| <b>Siamese Cables</b>                                               |             |    |     |
| RG59+18awg/2c, PVC, 1GHz, 20awg, SBC, 95% Copper Braid, CMR/CCTV    | 59182CMR    | SB | W B |
| RG59+18awg/2c, Plenum, 1GHz, 20awg, SBC, 95% Copper Braid, CMP/CCTV | 59182CMP    | R  | W   |
| RG6/U, 18awg/2c, 1GHz, SC, 95% Copper Braid, CMR/CCTVR              | 6182SCCMRRB | R  | B   |

|                                                                           |                    |         |       |
|---------------------------------------------------------------------------|--------------------|---------|-------|
| <b>Access Control, Audio, Control and Security Cable</b>                  |                    |         |       |
| 18/4C + 22/3PR SHLD + 22/2C + 22/4C CMP 1000FT YELLOW REEL                | ACCCM-P184223RY    | R       | Y     |
| 18/4C SHLD + 22/3PR SHLD + 22/2C SHLD + 22/4C SHLD CMP 1000FT YELLOW REEL | ACCSHDCM-P184223RY | R       | Y     |
| 22awg/2c, 7 Strand, Unshielded, CMR/CL2R/FPLR                             | 2202UCMR           | SB      | G     |
| 22awg/2c, 7 Strand, Unshielded, CMP/CL2P/FPLP                             | 2202UCMP           | B       | W     |
| 22awg/2c, 7 Strand, Shielded, CMR/CL2R/FPLR                               | 2202SCMR           | B       | G     |
| 22awg/2c, 7 Strand, Shielded, CMP/CL2P/FPLP                               | 2202SCMP           | B       | W     |
| 22awg/4c, 7 Strand, Unshielded, CMR/CL2R/FPLR                             | 2204UCMR           | B       | G     |
| 22awg/4c, 7 Strand, Unshielded, CMP/CL2P/FPLP                             | 2204UCMP           | B       | W     |
| 22awg/4c, 7 Strand, Shielded, CMP/CL2P/FPLP                               | 2204SCMP           | B       | W     |
| 22awg/6c, 7 Strand, Unshielded, CMR/CL2R/FPLR                             | 2206SCMR           | B       | G     |
| 22awg/2pr IS/OS 7 Strand CMP/CL2P/FPLP                                    | 222PRISOA          | B       | W     |
| 18awg/2c, 7 Strand, Unshielded, CMR/CL2R/FPLR                             | 1802UCMR           | B       | G     |
| 18awg/2c, 7 Strand, Shielded, CMR/CL2R/FPLR                               | 1802SCMR           | B       | G     |
| 18awg/2c, 7 Strand, Unshielded, CMP/CL2P/FPLP                             | 1802UCMP           | B       | W Y   |
| 18awg/2c, 7 Strand, Shielded, CMP/CL2P/FPLP                               | 1802SCMP           | B       | W     |
| 18awg/3c, 7 Strand, Unshielded, CMP/CL2P/FPLP                             | 1803UCMP           | R       | W G   |
| 18awg/3c, 7 strand, Shielded, CMP/CL2P/FPLP                               | 1803SCMP           | R       | W G   |
| 18awg/4c, 7 Strand, Unshielded, CMR/CL2R/FPLR                             | 1804UCMR           | R       | G     |
| 18awg/4c, 7 Strand, Unshielded, CMP/CL2P/FPLP                             | 1804UCMP           | R       | G Y W |
| 18awg/4c, 7 Strand, Shielded, CMP/CL2P/FPLP                               | 1804SCMP           | R       | G W   |
| 18awg/6c, 7 Strand, Shielded, CMP/CL2P/FPLP                               | 1806SCMP           | R       | W Y   |
| 16awg/2c, 19 Strand, Unshielded, CMR/CL2R/FPLR                            | 1602UCMR           | R       | W     |
| 16awg/2c, 19 Strand, Unshielded, CMP/CL2P/FPLP                            | 1602UCMP           | R       | W     |
| 16awg/2c, 19 Strand, Shielded, CMP/CL2P/FPLP                              | 1602SCMP           | R       | R G   |
| 16awg/4c, 65 Strand, Unshielded, CMR/CL2R/FPLR                            | 1604UCMR           | SB5     | W     |
| 14awg/2c, 19 Strand, Unshielded, CMR/CL2R/FPLR                            | 1402UCMR           | R       | W     |
| 14awg/2c, 19 Strand, Unshielded, CMR/CL2R/FPLR                            | 1402UCMP           | SB5,B,R | W     |



| DESCRIPTION                | PART NO.  | PKG       | JACKET COLOR |
|----------------------------|-----------|-----------|--------------|
| <b>Security</b>            |           |           |              |
| 22awg/4c, Solid, CM/CL2    | SEC224    | Coil Pack | O W Y G      |
| 22awg/2c, Solid, CMR/CL2R  | SEC222    | B         | W            |
| 22awg/4c, Solid, CMR/CL2R  | SEC224    | B         | W            |
| 22awg/2c, 7 Strand, CM/CL2 | SEC222STR | C5        | W            |
| 22awg/4c, 7 Strand, CM/CL2 | SEC224STR | C5        | W            |

|                                |        |    |   |
|--------------------------------|--------|----|---|
| <b>Speaker</b>                 |        |    |   |
| 16awg/2c, 65 Strand, CMR/CL2R  | SPK162 | R  | R |
| 16awg/4c, 65 Strand CMR/CL2R   | SPK164 | B5 | P |
| 14awg/2c, 105 Strand, CMR/CL2R | SPK142 | R  | W |
| 14awg/4c, 41 Strand CMR/CL2R   | SPK144 | B5 | Y |

|                      |            |   |   |
|----------------------|------------|---|---|
| <b>Fire Alarm</b>    |            |   |   |
| 18/2 Solid FPLP      | FPLP182URR | R | R |
| 16/2 Solid FPLP      | FPLP162URR | R | R |
| 14/2 Solid FPLP      | FPLP142URR | R | R |
| 18/2 Solid SHLD FPLP | FPLP182SRR | R | R |
| 16/2 Solid SHLD FPLP | FPLP162SRR | R | R |

#### Abbreviation Key

| PUT-UPS |                    |
|---------|--------------------|
| CODE    | DEFINITION         |
| R       | 1000' Reel         |
| B       | 1000' Pull Box     |
| SB      | 1000' Spool In Box |
| R5      | 500' Reel          |
| B5      | 500' Spool In Box  |
| SB5     | 500' Spool In Box  |
| C5      | 500' Coil          |

| JACKET COLORS |            |
|---------------|------------|
| CODE          | DEFINITION |
| B             | Black      |
| W             | White      |
| G             | Gray       |
| O             | Blue       |
| Y             | Yellow     |
| V             | Green      |
| R             | Red        |
| P             | Purple     |
| OR            | Orange     |
| PI            | Pink       |



**UL TYPE SOOW FLEXIBLE CORD 90°C 600 VOLT****Application:**

Type SOOW Flexible Cords are permitted for use by Article 400 and related articles of the National Electrical Code. SOOW cords are designed for extra hard usage on industrial equipment, heavy tools, battery chargers, portable lights and power extensions. They are sunlight, water, oil and weather resistant and suitable for outdoor applications.

**Specifications:**

- Conductors: Fully annealed, stranded bare copper, per ASTM B-174, sizes 18 - 2AWG
- Insulation: EPR insulated
- Jacket: CPE sheathed
- Temperature Rating: -25°C to + 90°C
- Water resistant and an oil resistant jacket
- Lightweight and Very good flexibility
- UL Flexible Cord Subject 62
- FT1 and FT2 Flame Test
- Sunlight Resistant
- cUL Listed

**Construction**

Type SOOW Flexible Cords are manufactured using bare flexible stranded Class K copper conductors, with a heat, moisture and oil resistant EPDM rubber insulation. The insulated conductors are cabled with wax paper fillers. A tissue-paper separator is wrapped around the assembly to promote easy removal of the jacket. A heat, moisture and oil resistant flexible CPE jacket is extruded over the assembly to complete the construction.

**NON - UL TYPE SOOW FLEXIBLE CORD 90°C 600 VOLT****Application:**

Type SOOW Flexible Cords are permitted for use by Article 400 and related articles of the National Electrical Code. SOOW cords are designed for extra hard usage on industrial equipment, heavy tools, battery chargers, portable lights and power extensions. They are sunlight, water, oil and weather resistant and suitable for outdoor applications.

**Specifications:**

- Conductors: Fully annealed, stranded bare copper
- Insulation: EPR insulated
- Jacket: CPE sheathed
- Temperature Rating: -40°C to + 90°C
- Water resistant and an oil resistant jacket
- Lightweight and Very good flexibility
- FT1 and FT2 Flame Test
- Sunlight Resistant

**Construction**

Type SOOW Flexible Cords are manufactured using bare flexible stranded, with a heat, moisture and oil resistant EPR rubber insulation. The insulated conductors are cabled with wax paper fillers. A tissue-paper separator is wrapped around the assembly to promote easy removal of the jacket. A heat, moisture and oil resistant flexible CPE jacket is extruded over the assembly to complete the construction.



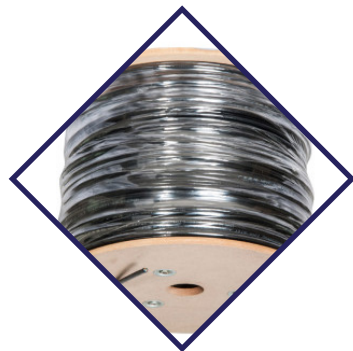
| CONDUCTOR SIZE (AWG) | CONDUCTOR STRANDING | NOMINAL INSULATION THICKNESS | NOMINAL JACKET THICKNESS | NOMINAL OVERALL DIAMETER (IN) | WEIGHT     | AMPACITY |
|----------------------|---------------------|------------------------------|--------------------------|-------------------------------|------------|----------|
|                      | #/AWG               | mil                          | mil                      | m                             | lbs/1000ft | A        |
| 2*18AWG              | 16/30               | 30                           | 60                       | 0.33                          | 70         | 10       |
| 3*18AWG              | 16 / 30             | 30                           | 60                       | 0.35                          | 80         | 10       |
| 4*18AWG              | 16 / 30             | 30                           | 60                       | 0.37                          | 96         | 7        |
| 2*16AWG              | 26 / 30             | 30                           | 60                       | 0.36                          | 86         | 13       |
| 3*16AWG              | 26 / 30             | 30                           | 60                       | 0.37                          | 99         | 13       |
| 4*16AWG              | 26 / 30             | 30                           | 60                       | 0.41                          | 119        | 10       |
| 2*14AWG              | 41 / 30             | 45                           | 80                       | 0.49                          | 155        | 18       |
| 3*14AWG              | 41 / 30             | 45                           | 80                       | 0.51                          | 179        | 18       |
| 4*14AWG              | 41 / 30             | 45                           | 80                       | 0.56                          | 215        | 15       |
| 2*12AWG              | 65 / 30             | 45                           | 95                       | 0.56                          | 206        | 25       |
| 3*12AWG              | 65 / 30             | 45                           | 95                       | 0.58                          | 239        | 25       |
| 4*12AWG              | 65 / 30             | 45                           | 95                       | 0.63                          | 290        | 20       |
| 2*10AWG              | 104 / 30            | 45                           | 95                       | 0.62                          | 266        | 30       |
| 3*10AWG              | 104 / 30            | 45                           | 95                       | 0.66                          | 316        | 30       |
| 4*10AWG              | 104 / 30            | 45                           | 95                       | 0.72                          | 385        | 25       |

## NON UL PORTABLE CORD

| CONDUCTOR SIZE (AWG) | CONDUCTOR STRANDING | NOMINAL INSULATION THICKNESS | NOMINAL JACKET THICKNESS | NOMINAL OVERALL DIAMETER (IN) | WEIGHT     |
|----------------------|---------------------|------------------------------|--------------------------|-------------------------------|------------|
|                      | # / inch            | mil                          | mil                      | in                            | lbs/1000ft |
| 3*8AWG               | 119 / 0.0113        | 50                           | 79.0                     | 0.743                         | 371        |
| 4*8AWG               | 119 / 0.0113        | 50                           | 79.0                     | 0.813                         | 453        |
| 3*6AWG               | 119 / 0.0142        | 50                           | 79.0                     | 0.829                         | 497        |
| 4*6AWG               | 119 / 0.0142        | 50                           | 79.0                     | 0.908                         | 620        |
| 3*4AWG               | 119 / 0.0159        | 50                           | 106.0                    | 0.932                         | 632        |
| 4*4AWG               | 119 / 0.0159        | 50                           | 118.0                    | 1.044                         | 812        |
| 3*2AWG               | 133 / 0.0211        | 50                           | 110.0                    | 1.129                         | 1032       |
| 4*2AWG               | 133 / 0.0211        | 50                           | 102.0                    | 1.223                         | 1276       |



| ITEM NAME                   | DESCRIPTION                                                            |
|-----------------------------|------------------------------------------------------------------------|
| <b>Aluminum ACSR</b>        |                                                                        |
| Drake                       | 795 MCM ACSR 26/7                                                      |
| Linnet                      | 336.4 MCM ACSR 26/7                                                    |
| Merlin                      | 336.4 MCM ACSR 18/1                                                    |
| Penguin                     | 4/0 AWG ACSR 6/1                                                       |
| Quail                       | 2/0 AWG ACSR 6/1                                                       |
| Sparate                     | 2 AWG ACSR 7/1                                                         |
| Sparrow                     | 2 AWG ACSR 6/1                                                         |
| Swanate                     | 4 AWG ACSR 7/1                                                         |
| <b>Duplex Service Drop</b>  |                                                                        |
| Shepherd                    | 6 AWG ALUM COND 6/1 ACSR Neutral XLP Duplex Service Drop               |
| <b>Quad Service Drop</b>    |                                                                        |
| Appaloosa                   | 4/0-3 Phase + 4/0 ACSR 6/1 Neutral XLP Quad Plex Service Drop          |
| Bronco                      | 336 .4mcm/3 Phase + 1/336.4MCM ACSR Neutral XLP Quad Plex Service Drop |
| Chola                       | 6/3 Phase + 6 AWG ACSR 6/1 Neutral XLP Quad Plex Service Drop          |
| Costena                     | 1/0-3 Phase + 1/0 ACSR Neutral XLP Quad Plex Service Drop              |
| Grullo                      | 2/0-3 Phase + 2/0 ACSR XLP Quad Plex Service Drop                      |
| Hackney                     | 4/3 Phase + 4AWG ACSR Neutral XLP Quad Plex Service Drop               |
| Palomino                    | 2 AWG XLP Quadruplex Service Drop                                      |
| Suffolk                     | 3/0-3 Phase 3/0-1 ACSR 6/1 Neutral XLP Quad Plex Service Drop          |
| <b>Quad URD</b>             |                                                                        |
| Dyke                        | 2/3 Phase + 4/1 Neutral XLP Quad Plex 600v Secondary                   |
| Notre Dame                  | 1/0-3 Phase+2-1 Neutral XLP Quad Plex 600v Secondary URD               |
| Rust                        | 250/3 Phase + 3/0-1 Neutral XLP Quad Plex Secondary URD                |
| Slipperyrock                | 350/3 Phase + 4/0-1 Neutral XLP Quad Plex Secondary URD                |
| Tulsa                       | 4/4C XLP Quad Plex Secondary URD                                       |
| Wake Forest                 | 4/0-3 Phase + 2/0 Neutral XLP Quad Plex Secondary URD                  |
| <b>Triplex Service Drop</b> |                                                                        |
| Conch                       | 2/2 Phase + 2AWG ACSR6/1 Neutral XLP Triplex Service Drop              |
| Neritina                    | 1/0-2 + 1/0 ACSR XLP Triplex Service Drop                              |
| Periwinkle                  | 4 AWG XLP Triplex Service Drop                                         |
| Runcina                     | 2/0 W/ACSR Neutral XLP Triplex Service Drop                            |
| Voluta                      | 6/2 Phase 6AWG ACSR Neutral XLP Triplex Service Drop                   |
| Zuzara                      | 4/0-2 Phase + 4/0 ACSR Neutral XLP Triplex Service Drop                |



| ITEM NAME          | DESCRIPTION                                                |
|--------------------|------------------------------------------------------------|
| <b>Triplex URD</b> |                                                            |
| Brenau Alum        | 1/0-2 Phase + 2/1 Neutral XLP Triplex 600v Secondary URD   |
| Converse           | 2/0-2 Phase + 1/1 Neutral XLP Triplex 600v Secondary URD   |
| Erskine            | 6/3 XLP Triplex 600v Secondary URD                         |
| Monmouth           | 4/0 3C XLP Triplex 600v Secondary URD                      |
| Pratt              | 250/2 Phase + 3/0-1 Neutral XLP Triplex 600v Secondary URD |
| Ramapo             | 2/3 XLP Triplex Secondary URD                              |
| Rider              | 500/2 Phase + 350-1 Neutral XLP Triplex Secondary URD      |
| Stephens           | 2/2 Phase + 4/1 Neutral XLP Triplex Secondary URD          |
| Sweetbriar         | 4/0-2 Phase + 2/0-1 Neutral XLP Triplex Secondary URD      |
| Vassar             | 4/2 Phase + 4/1 Neutral XLP Triplex Secondary URD          |
| Wesleyan           | 350/2 Phase + 4/0 Neutral XLP Triplex Secondary URD        |





**APPLICATIONS:**

Commodity Cables Inc. Aluminum Service Entrance Cable Type SE, with rated voltage 600V, is used to transmit power from the junction box to the meter base and from the meter base to the distribution cabinet; it may be used in all applications where Type SE cable is permitted. Type SE cable can be used in dry or wet environment at the working temperature not to exceed 90° C.

**STANDARD:**

ASTM-B-800 and B-801  
UL Standard 44 for XHHW-2  
UL Standard 854 for SER/SEU  
RoHS environmental conductive requirement

**PRODUCT CHARACTERS:**

|                    |                                                            |
|--------------------|------------------------------------------------------------|
| Conductor:         | M-8030 aluminum alloy conductors                           |
| Insulation:        | Cross-linked polyethylene (XLPE) insulation                |
| Jacket:            | Sunlight resistant, moisture resistant and flame retardant |
| Temperature Range: | Temperature of 90° C in wet and dry locations              |
| Environmental:     | Free of harmful heavy metals in compliance with RoHS       |
| Voltage Rating:    | 600Volt                                                    |

**SPECIFICATIONS:**

The AA-8000 aluminum alloy conductor is applied in Type SER/SEU cable. Its insulated core is compiled to the requirement of Type XHHW-2 in UL44. Insulation material is cross-linked polyethylene (XLPE) with characteristics of abrasion resistance, moisture proof and heat resistant. Meanwhile the insulation has the flame-retardant property, which can meet the FT2 level combustion test requirement. The outside of cable core is wrapped in a fibrage tape, both of the insulation wire core and outer sheath can meet the 720h sunlight resistant requirement.





| Conductor Size<br>(AWG, Kcmil) | Phase Conductor<br>Diameter |    | Nominal Insulation<br>Thickness |    | Nominal Overall Diameter |    | Approx. Weight |            | Allowable Ampacity<br>AMPS |       |       |
|--------------------------------|-----------------------------|----|---------------------------------|----|--------------------------|----|----------------|------------|----------------------------|-------|-------|
|                                | inch                        | mm | mils                            | mm | mils                     | mm | kg/km          | lbs/1000ft | 60° C                      | 75° C | 90° C |

| SER Cable Two Conductor with Bare Ground |       |       |    |      |      |      |      |     |     |     |     |
|------------------------------------------|-------|-------|----|------|------|------|------|-----|-----|-----|-----|
| 8-8-8                                    | 0.134 | 3.40  | 45 | 1.14 | 490  | 12.4 | 158  | 106 | 35  | 40  | 45  |
| 6-6-6                                    | 0.169 | 4.29  | 45 | 1.14 | 566  | 14.4 | 215  | 145 | 40  | 50  | 55  |
| 4-4-4                                    | 0.213 | 5.41  | 45 | 1.14 | 661  | 16.8 | 300  | 202 | 55  | 65  | 75  |
| 4-4-6                                    | 0.213 | 5.41  | 45 | 1.14 | 629  | 16.0 | 275  | 185 | 55  | 65  | 75  |
| 2-2-2                                    | 0.268 | 6.81  | 45 | 1.14 | 780  | 19.8 | 427  | 287 | 75  | 90  | 100 |
| 2-2-4                                    | 0.268 | 6.81  | 45 | 1.14 | 740  | 18.8 | 388  | 261 | 75  | 90  | 100 |
| 1-1-1                                    | 0.299 | 7.59  | 55 | 1.40 | 880  | 22.4 | 540  | 363 | 85  | 100 | 115 |
| 1-1-3                                    | 0.299 | 7.59  | 55 | 1.40 | 834  | 21.2 | 490  | 330 | 85  | 100 | 115 |
| 1/0-1/0-1/0                              | 0.336 | 8.53  | 55 | 1.40 | 963  | 24.5 | 655  | 441 | 100 | 120 | 135 |
| 1/0-1/0-2                                | 0.336 | 8.53  | 55 | 1.40 | 913  | 23.2 | 591  | 397 | 100 | 120 | 135 |
| 2/0-2/0-2/0                              | 0.376 | 9.55  | 55 | 1.40 | 1053 | 26.7 | 795  | 535 | 115 | 135 | 150 |
| 2/0-2/0-1                                | 0.376 | 9.55  | 55 | 1.40 | 996  | 25.3 | 716  | 482 | 115 | 135 | 150 |
| 3/0-3/0-3/0                              | 0.423 | 10.74 | 55 | 1.40 | 1159 | 29.4 | 972  | 654 | 130 | 155 | 175 |
| 3/0-3/0-1/0                              | 0.423 | 10.74 | 55 | 1.40 | 1094 | 27.8 | 873  | 587 | 130 | 155 | 175 |
| 4/0-4/0-4/0                              | 0.475 | 12.07 | 55 | 1.40 | 1276 | 32.4 | 1191 | 801 | 150 | 180 | 205 |
| 4/0-4/0-2/0                              | 0.475 | 12.07 | 55 | 1.40 | 1202 | 30.5 | 1067 | 718 | 150 | 180 | 205 |
| 250-250-250                              | 0.520 | 13.21 | 65 | 1.65 | 1407 | 35.7 | 1423 | 957 | 170 | 205 | 230 |
| 250-250-3/0                              | 0.520 | 13.21 | 65 | 1.65 | 1334 | 33.9 | 1291 | 868 | 170 | 205 | 230 |

| SER Cable Three Conductor with Bare Ground |       |       |    |      |      |      |      |      |     |     |     |
|--------------------------------------------|-------|-------|----|------|------|------|------|------|-----|-----|-----|
| 8-8-8-8                                    | 0.134 | 3.40  | 45 | 1.14 | 559  | 14.2 | 208  | 140  | 35  | 40  | 45  |
| 6-6-6-6                                    | 0.169 | 4.29  | 45 | 1.14 | 642  | 16.3 | 282  | 190  | 40  | 50  | 55  |
| 4-4-4-4                                    | 0.213 | 5.41  | 45 | 1.14 | 752  | 19.1 | 395  | 266  | 55  | 65  | 75  |
| 4-4-4-6                                    | 0.213 | 5.41  | 45 | 1.14 | 724  | 18.4 | 370  | 249  | 55  | 65  | 75  |
| 2-2-2-2                                    | 0.268 | 6.81  | 45 | 1.14 | 890  | 22.6 | 570  | 383  | 75  | 90  | 100 |
| 2-2-2-4                                    | 0.268 | 6.81  | 45 | 1.14 | 854  | 21.7 | 530  | 356  | 75  | 90  | 100 |
| 1-1-1-1                                    | 0.299 | 7.59  | 55 | 1.40 | 1004 | 25.5 | 723  | 486  | 85  | 100 | 115 |
| 1-1-1-3                                    | 0.299 | 7.59  | 55 | 1.40 | 965  | 24.5 | 673  | 453  | 85  | 100 | 115 |
| 1/0-1/0-1/0-1/0                            | 0.336 | 8.53  | 55 | 1.40 | 1098 | 27.9 | 876  | 589  | 100 | 120 | 135 |
| 1/0-1/0-1/0-2                              | 0.336 | 8.53  | 55 | 1.40 | 1055 | 26.8 | 813  | 547  | 100 | 120 | 135 |
| 2/0-2/0-2/0-2/0                            | 0.376 | 9.55  | 55 | 1.40 | 1197 | 30.4 | 1063 | 715  | 115 | 135 | 150 |
| 2/0-2/0-2/0-1                              | 0.376 | 9.55  | 55 | 1.40 | 1150 | 29.2 | 984  | 662  | 115 | 135 | 150 |
| 3/0-3/0-3/0-3/0                            | 0.423 | 10.74 | 55 | 1.40 | 1315 | 33.4 | 1289 | 867  | 130 | 155 | 175 |
| 3/0-3/0-3/0-1/0                            | 0.423 | 10.74 | 55 | 1.40 | 1260 | 32.0 | 1200 | 807  | 130 | 155 | 175 |
| 4/0-4/0-4/0-4/0                            | 0.475 | 12.07 | 55 | 1.40 | 1449 | 36.8 | 1589 | 1069 | 150 | 180 | 205 |
| 4/0-4/0-4/0-2/0                            | 0.475 | 12.07 | 55 | 1.40 | 1386 | 35.2 | 1466 | 986  | 150 | 180 | 205 |
| 250-250-250-250                            | 0.520 | 13.21 | 65 | 1.65 | 1598 | 40.6 | 1902 | 1279 | 170 | 205 | 230 |
| 250-250-250-3/0                            | 0.520 | 13.21 | 65 | 1.65 | 1535 | 39.0 | 1771 | 1191 | 170 | 205 | 230 |



| Conductor Size<br>(AWG, Kcmil) | Phase Conductor<br>Diameter |    | Nominal Insulation<br>Thickness |    | Nominal Overall Diameter |    | Approx. Weight |           | Allowable Ampacity<br>AMPS |       |       |
|--------------------------------|-----------------------------|----|---------------------------------|----|--------------------------|----|----------------|-----------|----------------------------|-------|-------|
|                                | inch                        | mm | mils                            | mm | mils                     | mm | kg/km          | lbs1000ft | 60° C                      | 75° C | 90° C |

| SER Cable Four Conductor with Bare Ground |       |       |    |      |      |      |      |      |     |     |     |
|-------------------------------------------|-------|-------|----|------|------|------|------|------|-----|-----|-----|
| 8-8-8-8                                   | 0.134 | 3.40  | 45 | 1.14 | 626  | 15.9 | 257  | 173  | 35  | 40  | 45  |
| 6-6-6-6                                   | 0.169 | 4.29  | 45 | 1.14 | 720  | 18.3 | 350  | 235  | 40  | 50  | 55  |
| 4-4-4-4                                   | 0.213 | 5.41  | 45 | 1.14 | 843  | 21.4 | 494  | 332  | 55  | 65  | 75  |
| 4-4-4-4-6                                 | 0.213 | 5.41  | 45 | 1.14 | 819  | 20.8 | 468  | 315  | 55  | 65  | 75  |
| 2-2-2-2-2                                 | 0.268 | 6.81  | 45 | 1.14 | 1000 | 25.4 | 714  | 480  | 75  | 90  | 100 |
| 2-2-2-2-4                                 | 0.268 | 6.81  | 45 | 1.14 | 969  | 24.6 | 675  | 454  | 75  | 90  | 100 |
| 1-1-1-1-1                                 | 0.299 | 7.59  | 55 | 1.40 | 1130 | 28.7 | 909  | 611  | 85  | 100 | 115 |
| 1-1-1-1-3                                 | 0.299 | 7.59  | 55 | 1.40 | 1094 | 27.8 | 859  | 578  | 85  | 100 | 115 |
| 1/0-1/0-1/0-1/0-1/0                       | 0.336 | 8.53  | 55 | 1.40 | 1236 | 31.4 | 1100 | 740  | 100 | 120 | 135 |
| 1/0-1/0-1/0-1/0-2                         | 0.336 | 8.53  | 55 | 1.40 | 1197 | 30.4 | 1037 | 697  | 100 | 120 | 135 |
| 2/0-2/0-2/0-2/0-2/0                       | 0.376 | 9.55  | 55 | 1.40 | 1346 | 34.2 | 1334 | 897  | 115 | 135 | 150 |
| 2/0-2/0-2/0-2/0-1                         | 0.376 | 9.55  | 55 | 1.40 | 1303 | 33.1 | 1256 | 845  | 115 | 135 | 150 |
| 3/0-3/0-3/0-3/0-3/0                       | 0.423 | 10.74 | 55 | 1.40 | 1480 | 37.6 | 1628 | 1095 | 130 | 155 | 175 |
| 3/0-3/0-3/0-3/0-1/0                       | 0.423 | 10.74 | 55 | 1.40 | 1429 | 36.3 | 1530 | 1029 | 130 | 155 | 175 |
| 4/0-4/0-4/0-4/0-4/0                       | 0.475 | 12.07 | 55 | 1.40 | 1626 | 41.3 | 1993 | 1340 | 150 | 180 | 205 |
| 4/0-4/0-4/0-4/0-2/0                       | 0.475 | 12.07 | 55 | 1.40 | 1571 | 39.9 | 1870 | 1258 | 150 | 180 | 205 |
| 250-250-250-250-250                       | 0.520 | 13.21 | 65 | 1.65 | 1795 | 45.6 | 2388 | 1606 | 170 | 205 | 230 |
| 250-250-250-250-3/0                       | 0.520 | 13.21 | 65 | 1.65 | 1740 | 44.2 | 2258 | 1519 | 170 | 205 | 230 |

STYLE U

| Conductor Size<br>(AWG, Kcmil) | Phase Conductor<br>Diameter |    | Nominal Insulation<br>Thickness |    | Nominal Overall Diameter |    | Approx. Weight |           | Allowable Ampacity<br>AMPS |       |       |
|--------------------------------|-----------------------------|----|---------------------------------|----|--------------------------|----|----------------|-----------|----------------------------|-------|-------|
|                                | inch                        | mm | mils                            | mm | mils                     | mm | kg/km          | lbs1000ft | 60° C                      | 75° C | 90° C |

| SEU Cable Four Conductor with Bare Ground |       |       |    |      |         |           |      |     |     |     |     |
|-------------------------------------------|-------|-------|----|------|---------|-----------|------|-----|-----|-----|-----|
| 8-8-8                                     | 0.134 | 3.40  | 45 | 1.14 | 398x254 | 15.7x10.0 | 165  | 111 | 35  | 40  | 45  |
| 6-6-6                                     | 0.169 | 4.29  | 45 | 1.14 | 443x277 | 17.5x10.9 | 219  | 147 | 40  | 50  | 55  |
| 4-4-4                                     | 0.213 | 5.41  | 45 | 1.14 | 504x308 | 19.8x12.1 | 304  | 204 | 55  | 65  | 75  |
| 4-4-6                                     | 0.213 | 5.41  | 45 | 1.14 | 501x305 | 19.7x12.0 | 280  | 188 | 55  | 65  | 75  |
| 2-2-2                                     | 0.268 | 6.81  | 45 | 1.14 | 598x367 | 23.6x14.5 | 439  | 295 | 75  | 90  | 100 |
| 2-2-4                                     | 0.268 | 6.81  | 45 | 1.14 | 578x347 | 22.7x13.7 | 399  | 268 | 75  | 90  | 100 |
| 1-1-1                                     | 0.299 | 7.59  | 55 | 1.40 | 680x416 | 26.8x16.4 | 554  | 373 | 85  | 100 | 115 |
| 1-1-3                                     | 0.299 | 7.59  | 55 | 1.40 | 654x390 | 25.8x15.4 | 504  | 339 | 85  | 100 | 115 |
| 1/0-1/0-1/0                               | 0.336 | 8.53  | 55 | 1.40 | 730x442 | 28.7x17.4 | 660  | 444 | 100 | 120 | 135 |
| 1/0-1/0-2                                 | 0.336 | 8.53  | 55 | 1.40 | 717x429 | 28.2x16.9 | 610  | 410 | 100 | 120 | 135 |
| 2/0-2/0-2/0                               | 0.376 | 9.55  | 55 | 1.40 | 796x482 | 31.3x19.0 | 811  | 545 | 115 | 135 | 150 |
| 2/0-2/0-1                                 | 0.376 | 9.55  | 55 | 1.40 | 784x470 | 30.9x18.5 | 736  | 495 | 115 | 135 | 150 |
| 3/0-3/0-3/0                               | 0.423 | 10.74 | 55 | 1.40 | 856x512 | 33.7x20.1 | 984  | 662 | 130 | 155 | 175 |
| 3/0-3/0-1/0                               | 0.423 | 10.74 | 55 | 1.40 | 847x503 | 33.3x19.8 | 894  | 601 | 130 | 155 | 175 |
| 4/0-4/0-4/0                               | 0.475 | 12.07 | 55 | 1.40 | 926x548 | 36.5x21.6 | 1198 | 806 | 150 | 180 | 205 |





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