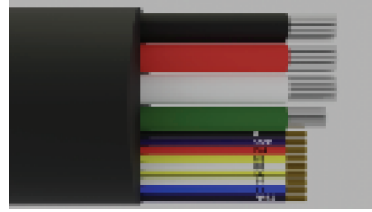


# Cablemaster

## Specification Sheet



### Now With Control Wire Markings

- Black(00) Red(194)
- White(23) Blue(T1)
- Yellow (N1)
- Yellow/Black(N2)
- White/Blue(00)
- Purple(395B)
- Purple/Black(395A)

## Aluminum Generator Installation Composite Cable Home Standby Generators Rated 12-24kW

Part No. CM-HSBCC-ALUMPLUS2-JT93

### CONSTRUCTION PARAMETERS

| Component 1 (Power)<br>3-Conductor  | Component 2 (Ground)<br>1-Conductor   | Component 3 (Control)<br>9-Conductor   |
|---|---|--|
| <b>Conductor:</b> 1 AWG Class B Compact<br>8176 Aluminum Alloy per<br>ASTM B801<br><br><b>Diameter:</b> 0.462"<br><b>Insulation:</b> PVC/Nylon<br><b>Nom Wall:</b> 0.057"<br><b>Color Code:</b> Black, White, Red | <b>Conductor:</b> 6 AWG Class B Compact<br>8176 Aluminum Alloy per<br>ASTM B801<br><br><b>Diameter:</b> 0.292"<br><b>Insulation:</b> PVC/Nylon<br><b>Nom Wall:</b> 0.035"<br><b>Color Code:</b> Green | <b>Conductor:</b> 18 AWG 16/30<br>Bare Copper<br><br><b>Diameter:</b> 0.086"<br><b>Insulation:</b> PVC/Nylon<br><b>Nom Wall:</b> 0.021"<br><b>Color Code:</b> Black, Red, Yellow,<br>Yellow/Black, White, Blue,<br>Purple, Purple/Black,<br>White/Blue |

### CABLING

Lay Length: 14" (prox) Core Wrap: Polypropylene Tape

### JACKETING

Outer Jacket: PVC  
 Nom Wall: 0.080" Nom  
 Diameter: 1.407"  
 Jacket Color: BLACK  
 Legend Type: Ink Jet  
 Sequential Marking: Continuous

### PHYSICAL PROPERTIES

Temperature Range: 90°C Dry/75°C Wet

### ELECTRICAL PROPERTIES

Voltage Rating: 600V RMS

### INDUSTRY APPROVALS

UL: TC-ER-JP  
 UL: 1685  
 UL Standard: 1277  
 NEC/NFPA: 2023 / 336.10(9)

### FEATURES

Oil Resistant: Oil Res I  
 Sunlight Resistant: Yes  
 Direct Burial: Yes  
 Water Resistant: Yes  
 Joist Pull: Yes



### COMPLIANCE

RoHS: Complies with EU Dir. 2011/65/EU (RoHS-2)

POWER & CONTROL TRAY CABLE 1 AWG (42.41{mm<sup>2</sup>}) 3/C AL & 6 AWG (13.30{mm<sup>2</sup>}) 1/GRND THHN/THWN AL & 18 AWG (.82{mm<sup>2</sup>}) 9/C PVCN CU TC-ER-JP E75755 {UL} 600V 90C DRY/75C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL -- CABLEMASTER P/N CM-HSBCC-ALUMPLUS2-JT93 {SEQUENTIAL FOOTAGE MARKS} SEQ FEET

| Component Number      | No. Cond. | Gauge AWG/MCM | Nom. Cond. |        | Insulation Wall, Nom. |        | Jacket wall Nom. |        | O.D., Nom. |          | Net Weight |  |
|-----------------------|-----------|---------------|------------|--------|-----------------------|--------|------------------|--------|------------|----------|------------|--|
|                       |           |               | DCR Ω/M'   | inches | mm                    | inches | mm               | inches | mm         | lb./kft. | kg/km      |  |
| Component 1 (Power)   | 3         | 1             | 0.24       | 0.057  | 1.45                  |        |                  |        |            |          |            |  |
| Component 2 (Ground)  | 1         | 6             | 0.77       | 0.035  | 0.89                  | 0.080  | 2.04             | 1.407  | 35.74      | 628      | 937        |  |
| Component 3 (Control) | 9         | 18            | 6.40       | 0.021  | 0.53                  |        |                  |        |            |          |            |  |

Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.

The customer will accept all factory lengths and +/- 10 percent of total order requested.  
 Complies with EU Dir. 2011/65/EU (RoHS-2)