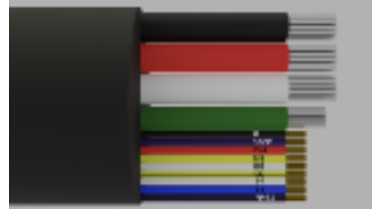


# Cablemaster

## 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 Propane, 12-26kW Natural Gas

Part No. CM-HSBCC-ALUMPLUS2-JT93

### CONSTRUCTION PARAMETERS

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

### CABLING

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

### JACKETING

**Outer Jacket:** PVC  
**Nom Wall:** 0.080" Nom  
**Diameter:** 1.14"  
**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{mm2}) 3/C AL & 6 AWG (13.30{mm2}) 1/GRND THHN/THWN AL & 18 AWG (.82{mm2}) 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	1.14	28.96	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)