

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 17-24kW Propane, 17-26kW 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
Conductor: 1 AWG Class B Compact 8176 Aluminum Alloy per ASTM B801 Diameter: 0.462" Insulation: PVC/Nylon Nom Wall: 0.057" Color Code: Black, White, Red	Conductor: 6 AWG Class B Compact 8176 Aluminum Alloy per ASTM B801 Diameter: 0.292" Insulation: PVC/Nylon Nom Wall: 0.035" Color Code: Green	Conductor: 18 AWG 16/30 Bare Copper Diameter: 0.086" Insulation: PVC/Nylon Nom Wall: 0.021" Color Code: 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: 1.407"
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{mm2}) 3/C AL & 6 AWG (13.30{mm2}) 1/GRND AL & 18 AWG (.82{mm2}) 9/C 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)