



Specification Sheet



Now With Control Wire Markings

Black(0) Red(194)
White(23) Blue(T1)
Yellow (N1)
Yellow/Black(N2)
White/Blue(00)

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

Part No. CM-HSBCC-ALUM-CL95

CONSTRUCTION PARAMETERS

Component 1 (Power) 3-Conductor

Conductor: 1 AWG Class B Compact
8176 Aluminum Alloy per
ASTM B801
Diameter: 0.413"
Insulation: PVC/Nylon
Nom Wall: 0.057"
Color Code: Black, White, Red

Component 2 (Ground) 1-Conductor

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

Component 3 (Control) 7-Conductor

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,
White/Blue

CABLING

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

JACKETING

Outer Jacket: PVC
Nom Wall: 0.080" Nom
Diameter: 1.118"
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. 2015/863 (RoHS-3)

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}) 7/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-ALUM-CL95 {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	1.118	28.4	610	915
Component 3 (Control)	7	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. 2015/863 (RoHS-3)