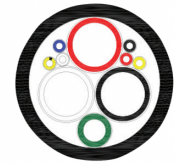


Specification Sheet



Aluminum Installation Composite Cable

Home Standby Generators Rated 16-24kW Propane, 16-26kW Natural Gas

Part No. CM-HSBCC-AL-16-22

CONSTRUCTION PARAMETERS

3-Conductor (Power)

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

1-Conductor (Ground)

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

6-Conductor (Control)

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

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: 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}) 6/C CU TC-ER-JP E75755 {UL} 600V 90C DRY/75C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL --
CABLEMASTER P/N CM-HSBCC-AL-16-22 {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	1.11	28.4	610	915
Component 3 (Control)	6	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)