

Specification Sheet



Copper Installation Composite Cable

Home Standby Generators Rated 17-24kW Propane, 17-26kW Natural Gas

Part No. CM-HSBCC-18-22kW

CONSTRUCTION PARAMETERS

Component 1 (Power)

Conductor: 3 AWG 19/UL Combo Bare Copper
Diameter: 0.356"
Insulation: PVC/Nylon
Nom Wall: 0.051"
Color Code: Black, White, Red

Component 2 (Ground)

Conductor: 8 AWG 19/.0295"
 Bare Copper
Diameter: 0.222"
Insulation: PVC/Nylon
Nom Wall: 0.037"
Color Code: Green

Component 3 (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: 12.01" **Core Wrap:** Polypropylene Tape

JACKETING

Outer Jacket: PVC
Nom Wall: 0.083" Nom
Diameter: 1.000"
Jacket Color: BLACK
Legend Type: Ink Jet
Sequential Marking: Continuous

PHYSICAL PROPERTIES

Temperature Range: 75°C Dry/75°C Wet

ELECTRICAL PROPERTIES

Voltage Rating: 600V RMS

INDUSTRY APPROVALS

UL: TC-ER-JP
UL: 1685
UL Standard: 1277
NEC/NFPA 2020

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 3 AWG (26.67mm²) 3/C & 8 AWG (8.36mm²) 1/GRND & 18 AWG (.82mm²) 6/C TC-ER-JP E75755 (PLANT ID CODE) (UL) 600V 90C DRY/75C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL -- GENERAC P/N CRLHSB18-22

Component Number	No. Cond.	Gauge AWG/MCM	No. Strands	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	3	19/UL Combo	0.21	0.051	1.30						
Component 2 (Ground)	1	8	19/.0295"	0.65	0.037	0.94	0.083	2.11	1.000	25.40	868	1291
Component 3 (Control)	6	18	16/30	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)