

PRODUCT SPECIFICATION SHEET

GENERATOR INSTALLATION COMPOSITE CABLE FOR HOME STANDBY GENERATORS - COPPER 7-11KW



CM-HSBCC-07-11KW – 8/3 + 10/1 + 18/6 TC-ER-JP 600 V BLACK



CONSTRUCTION PARAMETERS:

COMPONENT 1 (POWER) 3-CONDUCTOR

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

COMPONENT 2 (GROUND) 1-CONDUCTOR

Conductor: 10 AWG 7/.0383"
Bare Copper
Diameter: 0.165"
Insulation: PVC/Nylon
Nom Wall: 0.026"
Color Code: Green

COMPONENT 3 (CONTROL) 6-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

CABLING

Lay Length: 7.68" Core Wrap: Clear Mylar

JACKETING

Outer Jacket: PVC Nom Wall: 0.062" Nom Diameter: 0.669"
Jacket Color: BLACK
Legend Type: Ink Jet

POWER & CONTROL TRAY CABLE 8 AWG (8.36mm²) 3/C & 10 AWG (5.26mm²) 1/GRND & 18 AWG (.82mm²) 6/C TC-ER-JP E75755 (UL) 600V 90C DRY/75C WET OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL -- GENERAC P/N CRLHSB-07-11

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: Verticle Flame Standard: 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 Directive (EU) Dir. 2015/863 – (RoHS 3)

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	8	19/.0295"	0.65	0.037	0.94	0.062	1.57	0.669	16.99	360	535
Component 2 (Ground)	1	10	7/.0383"	1.04	0.026	0.66						
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.

Complies with EU Dir. 2015/863 – (RoHS 3)

The customer will accept all factory lengths and +/- 10 percent of total order requested.

1600 W. Cornell St. Milwaukee, WI 53209 | cablemasterpowercords.com | 414.292.2180