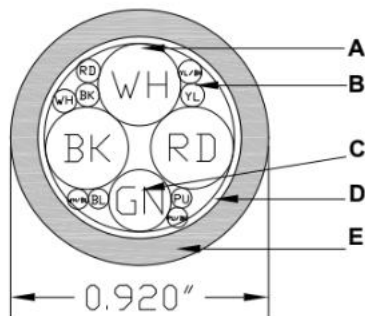
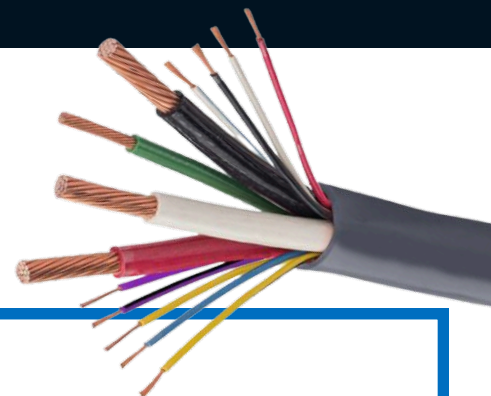


# Home Standby Composite Cable

## #4x3 Copper 9 Wire Control Wires

Commonly used with 12-16kW



### CONDUCTOR COLOR CODE

#### 4 AWG

Black, White and Red

#### 18 AWG

Black, Red, Yellow, Yellow/Black, Blue, White, Purple, Purple/Black and White/Blue

#### 8 AWG

Green

### COMPONENTS

- A** (3) - #4 AWG Class C stranded, soft drawn, bare copper circuit conductors w/40 mils (1.02 mm) heat and moisture resistant, polyvinyl chloride (PVC) insulation and jacketed w/ 6 mils (0.15 mm) nylon applied directly to the surface of the insulation.
- B** (9) - #18 AWG Class K stranded, soft drawn, bare copper conductors w/15 mils (0.38 mm) heat and moisture resistant, polyvinyl chloride (PVC) insulation and jacketed w/ 4 mils (0.10 mm) nylon applied directly to the surface of the insulation.
- C** (1) - #8 AWG Class C stranded, soft drawn, bare copper grounding conductor w/30 mils (0.76 mm) heat and moisture resistant, polyvinyl chloride (PVC) insulation and jacketed w/ 5 mils (0.13 mm) nylon applied directly to the surface of the insulation.
- D** Mylar binder tape
- E** 80 mils (2.03 mm) of heat and moisture resistant, polyvinyl chloride (PVC) jacket. A ripcord shall be placed underneath the jacket.

### SPECIFICATIONS

Conductors: ASTM B 3, ASTM B 8, ASTM B 174

Insulation: ICEA S-95-658 (NEMA WC 70), ICEA S-73-532 (NEMA WC 57) CSA C22.2 No. 75 & UL 83 for Type THHN/THWN wires

CSA C22.2 No. 239 for Type CIC/TC

### ELECTRICAL

Voltage: 600V

### PRINT LEGEND

(UL) E60544-PA POWER AND CONTROL TRAY CABLE TYPE TC-ER-JP 4 AWG (21,2 mm<sup>2</sup>) 3/C + 8 AWG (8,37 mm<sup>2</sup>) 1/C GROUND THHN/THWN CONDS 90C DRY/75C WET & 18 AWG (0,82 mm<sup>2</sup>) 9/C TFFN CONDS 600V OIL RES I SUN RES DIR BUR OR c(UL) CIC/TC TYPE PVC/N -25C 90C DRY/75C WET 600V FT4 JOIST PULL TCERDirect.com PN 2023TCERJP1216CU9 "sequential footage print"

All products are intended for use by a licensed electrician in compliance with all product information and applicable building codes, laws and regulations. Gen-Pro disclaims any liability for injuries to persons or damage to property arising from the improper installation of this product, installation by non-qualified persons or the use of this product for applications other than as specified. All dimensional data is nominal and subject to normal manufacturing tolerances. The information provided on this specification sheet is for guidance only. Purchasers of this product should consult with a licensed electrician regarding its applicability, use and proper installation.

### RATINGS

UL Standard: 1277

UL: 1685

UL: Type TC-ER-JP 600V

UL: THHN/THWN 600V

NEC/NFPA: 2023 / 336.10(9)

CSA CIC/TC

The insulation is acceptable for use in locations at 90 °C dry and 75 °C wet. The cable is suitable for use in cable trays, aerial or direct burial installations. The cable is JP rated for installation in accordance with Part II of Article 334.