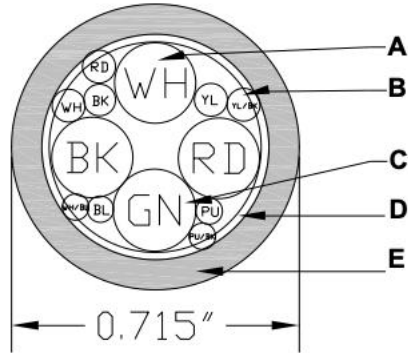
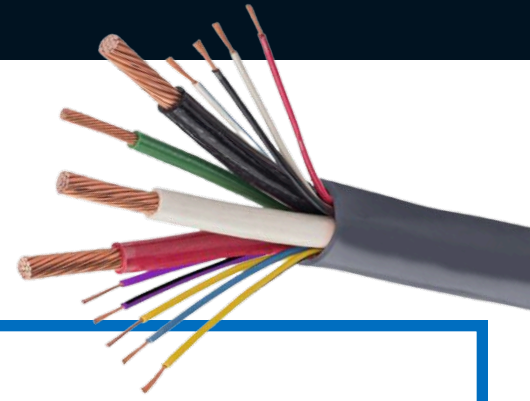


Home Standby Composite Cable

#8x3 Copper 9 Wire Control Wires

Commonly used with 7-11kW



CONDUCTOR COLOR CODE

8 AWG

Black, White and Red

18 AWG

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

10 AWG

Green

COMPONENTS

- A** (3) - #8 AWG Class C stranded, soft drawn, bare copper circuit conductors 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.
- 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) - #10 AWG Class C stranded, soft drawn, bare copper grounding conductor w/48 mils (1.22 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
- D** Mylar binder tape
- E** 60 mils (1.524 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 B174

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

Jacket: UL 1277

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

ELECTRICAL

Voltage: 600V

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.

(UL) E60544-PA POWER AND CONTROL TRAY CABLE TYPE TC-ER-JP 8 AWG (8,37 mm²) 3/C + 10 AWG (5,26 mm²) 1/C GROUND THHN/THWN CONDS 90C DRY/75C WET & 18 AWG (0,82 mm²) 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 2023TCERJP0711CU9 "sequential footage print"

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