

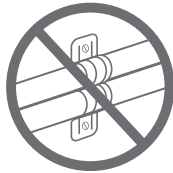


Efficient. See?

Make the direct connection with **Encore Wire's** new, streamlined **Kool-it™ Mini-Split Cable**.

- Provides Power and Control
- Protective MC-PVC for Outside Elements
- Rated for Outdoor and Indoor Use
- NFPA 70 [NEC] Code Compliant*

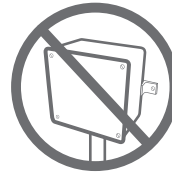
No Need for Extra Costs!



No Conduit



No Raceway



No Junction Box

Cool down the amount of labor and heat up the savings with **Encore Wire's** quick and efficient **Kool-it Mini-Split Cable**.

ALSO AVAILABLE
Mini-Split Tray Cable
in 14/4 and 14/7,
600-Volt.

 **ENCORE WIRE®**

1.800.962.9473 | encorewire.com

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KOOL-IT™ MINI-SPLIT CABLE - COPPER CONDUCTOR - ALUMINUM ARMOR PVC JACKET

THHN/THWN-2 INNERS - 600V RATED

ENGINEERING SPECIFICATIONS

Standards

Underwriters Laboratories Standards UL-83, UL-1277, UL-1569, UL-1581, UL-2556 for Type MC and Type TC; Federal Specification A-A59544; NEMA RV 1-2014; IEEE 1202 (70,000 Btu/hr) Vertical Cable Tray Flame Test; ICEA T-29-520 (210,000 Btu/hr) Flame Test; NFPA 70 (NEC®) Article 330, 336; ARRA 2009 Section 1605 "Buy American" Compliant; RoHS Compliant; MasterSpec Division 26 Sections 260519, 260523; UL Listing #E-301130



Listed E-301130



Applications

Encore Wire's Kool-it Mini-Split Cable saves labor and time by removing the need for complicated raceway or cable-supporting systems and their associated components, as well as labor-intensive setups. Simply locate the wet-location-rated Mini-Split Cable as needed, and secure in place with traditional Type MC Cable clamps. The result is less labor, less clean-up time and greater savings over traditional installation methods.

CONSTRUCTION

Available in 14 AWG, soft drawn copper, Type THHN/THWN-2 conductors rated for 90°C wet or dry locations. All conductors are cabled together with separator tape containing the identification print legend, to form the cable core. Interlocking aluminum armor is applied over the entire assembly. A flame-retardant, sunlight-resistant black PVC jacket is extruded over the entire armor assembly.



- 1 Black PVC Jacket
- 2 Interlocked Aluminum Armor
- 3 Separator Tape
- 4 THHN/THWN-2 Stranded Copper Conductors

Conductors		Outside Diameter Over Armor (in)	Outside Diameter Over Jacket (in)	PVC Thickness (in)	Approximate Net Weight (lbs/1000 ft)	Allowable Ampacity (Amps) ²		Standard Packaging (ft)
AWG/No. ¹	Type					75°C	90°C	
14/4	Stranded	0.462	0.562	0.050	146.37	20	25	1000'
14/7	Stranded	0.537	0.637	0.050	206.12	20	25	1000'

¹ Available in larger sizes upon request. Contact your local Sales Representative.

² Ampacity of conductors is based on NFPA 70 (NEC) Table 310.15(B)(16). See 110.14(C), 240.4(D) and 310.15(B) for other limitations where applicable.

For equipment marked for use at higher temperatures, the conductor ampacity shall be limited to the following per NEC 110.14(C):

60°C when terminated to equipment for circuits rated 100 amperes or less or marked for size 14 AWG through 1 AWG conductor.

75°C when terminated to equipment for circuits rated over 100 amperes or marked for conductors larger than 1 AWG.

90°C for ampacity-derating purposes.

When the neutral is considered a current-carrying conductor, the ampacity of 4/C cables shall be reduced by a factor of 0.80 per NEC 310.15(B)(3)(a).

The above data is approximate and subject to normal manufacturing tolerances.

PRINT LEGEND: ENCORE WIRE CORPORATION (SIZE) WITH GROUND TYPE MC CABLE PVC JACKET THHN/THWN-2 CDRS SUN-RES 600 VOLTS IEEE1202/FT4 DIR BUR (UL) DATE/TIME/OPER/QC

FEATURES

Installation costs reduced up to 50% over raceway and wire.
 Weight of aluminum armor is as much as 45% less than steel.
 Insulating anti-short bushings are supplied with each reel or coil, but not required per Section 330.40 of the NEC.

Conductors AWG/No.	Color Options
14/4	Black/Red/White/Green
14/4	Black/Red/Blue/Orange
14/7	Black/Red/Blue/Orange/Yellow/Brown/Red w/ Black Stripe

NOW AVAILABLE

Mini-Split Tray Cable³ is available in 14/4 and 14/7, 600-Volt.



³2017 NEC