

EVT, EVJT, PVC Insulated EV Charging Cable, 600V and 300V

Types EVT and EVJT are the PVC insulated members of the UL 62 EV charging cable family, and as with the elastomer pair the J marks the 300V version: EVJT is 300V and EVT is 600V. Conductor range, 3 plus ground layout, 105°C rating, 60°C wet rating and VW-1 flame performance are shared with the TPE types, while the PVC insulation and black PVC jacket put the cold limit at -40°C instead of -50°C and give a stiffer, heavier cable at the same gauge. That is the trade for cost: PVC is the economical jacket in the line and the usual specification for portable and residential charging leads that stay indoors or in a garage and are not dragged across a forecourt.

Our EVT, EVJT Power Cable products are fully molded with a low profile ergonomic design and RoHS, REACH and PAHS compliant.

American UL EV Charging Cables

Specifications

Label	Value
Plug Cables Standard:	UL 62; UL 2263; CSA C22.2 No. 49
Number of Wires	3 power cores plus ground
Rated Voltage:	600V (EVT), 300V (EVJT)
Rated Temperature:	-40°C to +105°C, 60°C wet
Copper Conductor Material:	Oxygen free Copper (OFCU)
Outer Jacket Material:	PVC, Rubber, Halogen-Free, Textile braid
Blade Material:	Nickel coated Brass
Flamability Rating:	UL 94V-0
Color:	black is standard but any color available
Temperature Rating:	minus 40°C though plus 75°C
Approvals:	UL, cUL Certified List
Environmental Certifications:	RoHS, REACH, PAHS
Testing:	Hi-Pot (Dielectric Withstanding Voltage), Polarity (pinout) and Continuity
Packing:	Standard Export Carton

Our other certificated products



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