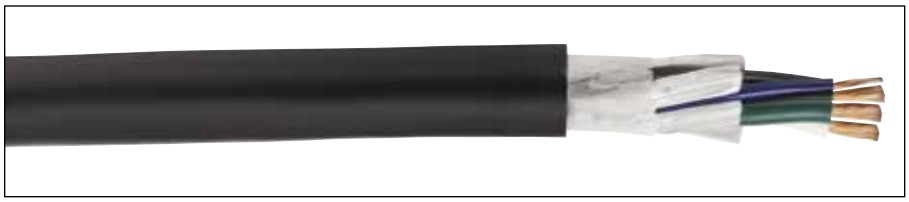
CarolGrene™ Ultra Flex® Jacketed Types EVJE, EVE, EVJT and EVT

105˚C, 300 and 600 Volt, UL Electrical Vehicle Charging Cord



CATALOG NUMBER	NO. OF COND.	AWG SIZE	COND. STRAND	NOMINAL COND. O.D.		NOMINAL INS. THICKNESS		NOMINAL O.D.		CURRENT AMPS(1) (2)	APPROX. NET WT. LBS/M'(S)
				INCHES	mm	INCHES	mm	INCHES	mm		
TYPE EVJE, EVJT											
EVJE163	3	16	26/30	0.061	1.55	0.030	0.76	0.361	9.17	13	75
	1	18	16/30	0.048	1.22	0.030	0.76				
EVJE143	3	14	41/30	0.077	1.96	0.030	0.76	0.390	9.91	18	95
	1	18	16/30	0.048	1.22	0.030	0.76				
EVJE123	3	12	65/30	0.096	2.44	0.030	0.76	0.454	11.53	25	130
	1	18	16/30	0.048	1.22	0.030	0.76				
EVJT143*	3	14	41/30	0.077	1.96	0.030	0.76	0.390	9.91	18	95
	1	18	16/30	0.048	1.22	0.030	0.76				
EVJT123*	3	12	65/30	0.096	2.44	0.030	0.76	0.454	11.53	25	130
	1	18	16/30	0.048	1.22	0.030	0.76				
TYPE EVE, EVT - 600 VOLT - UL											
EVE1603	3	16	26/30	0.061	1.55	0.030	0.76	0.468	11.89	13	110
	1	18	16/30	0.048	1.22	0.030	0.76				
EVE1403	3	14	41/30	0.077	1.96	0.045	1.14	0.560	14.22	18	150
	1	18	16/30	0.048	1.22	0.030	0.76				
EVE1203	3	12	65/30	0.094	2.39	0.045	1.14	0.588	14.94	25	200
	1	18	16/30	0.048	1.22	0.030	0.76				
EVE1003	3	10	104/30	0.118	3.00	0.045	1.14	0.675	17.15	30	270
	1	18	16/30	0.048	1.22	0.030	0.76				
EVE0803	3	8	168/30	0.165	4.19	0.060	1.52	0.906	23.01	74	465
	1	18	16/30	0.048	1.22	0.030	0.76				
EVE0608	2	6	133/27	0.203	5.16	0.060	1.52	0.961	24.41	99	515
	1	8	133/29	0.160	4.06	0.060	1.52				
	1	18	16/30	0.048	1.22	0.030	0.76				
EVT1403*	3	14	41/30	0.077	1.96	0.045	1.14	0.560	14.22	18	150
	1	18	16/30	0.048	1.22	0.030	0.76				
EVT1203*	3	12	65/30	0.094	2.39	0.045	1.14	0.588	14.94	25	200
	1	18	16/30	0.048	1.22	0.030	0.76				

(1) Ampacities for 10 AWG and smaller cords based on 30˚C ambient temperature per Table 400.5(A)(1) of the National Electrical Code®. Ampacities for 8 AWG and larger cords based on 30˚C ambient temperature per Table 400.5(A)(2) of the National Electrical Code®.
(2) Green conductor for grounding only.
* Non-stock item; minimum quantity purchase required.
(S) Actual shipping weight may vary.

Product Construction:

Conductor:
- 18 through 6 AWG fully annealed stranded bare copper
- ASTM B3

Insulation:
- Premium-grade, color-coded 105˚C Thermoplastic Elastomer for types EVJE & EVE
- PVC for types EVJT & EVT
- Color code: See chart below

Jacket:
- 105˚C, black, Thermoplastic Elastomer for types EVJE & EVE
- 105˚C, black, PVC for types EVJT & EVT
- Temperature range: -50°C to +105°C - TPE
  -40°C to +105°C - PVC

Jacket Marking:
- UL Type EVE - CAROLGRENE™ ULTRA FLEX® ELECTRIC VEHICLE CABLE -- (SIZE) (mm^2) E333326-8 (UL) EVE 105°C DRY 60°C WET 600 V FT2 - ROHS - MADE IN USA
- UL Type EVJE - CAROLGRENE™ ULTRA FLEX® ELECTRIC VEHICLE CABLE -- (SIZE) (mm^2) E333326-8 (UL) EVJE c(UL) 105°C DRY 60°C WET 300 V FT2 - ROHS - MADE IN USA

Applications:
- Level 1 - 120 volt charging units
- Level 2 - 240 volt charging units
- Compatible with SAE J1772 EV plug standard
- UL 2594 and NEC 625 residential and commercial charging stations
- Ideal for charging electric vehicles (EV), neighborhood electric vehicles (NEV), battery electric vehicles (BEV), low-speed vehicles (LSV), personal electric vehicles (PEV), plug-in hybrid vehicles (PHV), and plug-in hybrid electric vehicles (PHEV)

Features:
- Superior flexibility (EVE & EVJE)
- Lightweight
- Water-resistant
- Oil-resistant jacket
- Excellent molding characteristics
- Suitable for immersion in water*
- UL Listed for outdoor use

Industry Approvals:
- UL 62 for Type EVE/EVJE/EVT/EVJT
- RoHS Compliant

Other AWG sizes, conductor counts, and put-ups available on special order.

* Suitable for immersion in water if properly sealed and terminated.

COLOR CODE CHART

CONDUCTORS	COLORS
POWER	Black, White, Green
SIGNAL	Blue

CAROLGRENE™ UltraFlex®

CAROL® BRAND UL® LISTED RoHS Compliant Directive 2011/65/EU Made in U.S.A.

General Cable