

# Coroflex High Voltage Product Stock List

600V AC / 1,000V DC; 150°C Orange High Voltage Wires & Cables



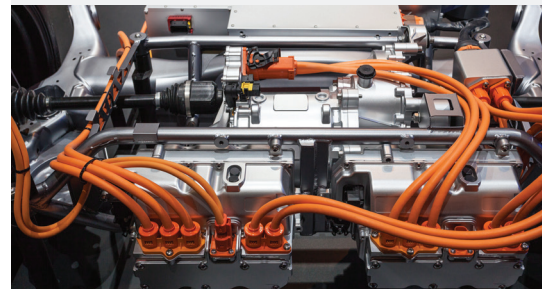
## Why use IEWC's Coroflex High Voltage Cable?

Coroflex high voltage products feature Coroflex silicone rubber insulation, which performs at voltages of up to 600V AC and 1,000V DC and can withstand temperatures of more than 180° C. With necessary industry certifications on all constructions, the extreme flexibility and easy processability of Coroflex single and multi-conductor wires and cables make them among the best cabling products for hybrid and electric vehicle applications.

- Single conductor construction in accordance with LV 216-1 and ISO 6722
- Multi-conductor construction in accordance with LV216-2, ISO 6722, and ISO 14572
- Unique modified silicone rubber insulation aids flexibility while providing operating voltages of up to 600V AC / 1,000V DC
- Extreme flexibility ensured through finely-stranded and compact conductor constructions
- Shielded constructions with double screens of braided wire and metal foils ensure the highest of EMC requirements are met
- Improved, distinct, round construction for easier processing

## APPLICATIONS

**Intended for use in high voltage applications for electric or hybrid vehicles including buses, cars, and off-road vehicles.**



## SINGLE CONDUCTORS

IEWC Material	IEWC Description	Gauge (mm <sup>2</sup> )	AWG Equiv.	# Conductors	Shield	Jacket	O.D. (mm)	Color	Put-Up
32063622	4MM 448BC FHLR2GCB2G 180C 600V OBS ORG	4	12	1	Aluminum foil & tinned copper braid	Mod. silicone rubber	5.8	Orange	
32063623	6MM FHLR2GCB2G 180C 600VAC/1KVDC SHLD	6	10	1	Aluminum foil & tinned copper braid	Mod. silicone rubber	6.5	Orange	
32063624	10MM FHLR2GCB2G 180C 600VAC/1KVDC SHLD	10	8	1	Aluminum foil & tinned copper braid	Mod. silicone rubber	8.8	Orange	1500
32053305	16MM FHLR2GCB2G 180C 600VAC/1KVDC SHLD	16	6	1	Aluminum foil & tinned copper braid	Mod. silicone rubber	10.0	Orange	1000
32053479	25MM FHLR2GCB2G 180C 600VAC/1KVDC SHLD	25	4	1	Aluminum foil & tinned copper braid	Mod. silicone rubber	12.0	Orange	750
32050669	35MM FHLR2GCB2G 180C 600VAC/1KVDC SHLD	35	2	1	Aluminum foil & tinned copper braid	Mod. silicone rubber	14.4	Orange	600
32038127	50MM FHLR2GCB2G 180C 600VAC/1KVDC SHLD	50	1	1	Aluminum foil & tinned copper braid	Mod. silicone rubber	15.8	Orange	500
32059341	70MM FHLR2GCB2G 180C 600VAC/1KVDC SHLD	70	2/0	1	Aluminum foil & tinned copper braid	Mod. silicone rubber	18.2	Orange	650
32056329	95MM FHLR2GCB2G 180C 600VAC/1KVDC SHLD	95	3/0	1	Aluminum foil & tinned copper braid	Mod. silicone rubber	20.9	Orange	500
32079320	120MM FHLR2GCB2G 180C 600VAC/1KVDC SHLD	120	250MCM	1	Aluminum foil & tinned copper braid	Mod. silicone rubber	19.5	Orange	
32063629	2.5MM FHL2G 180C 600VAC/1KVDC	2.5	14	1	Unshielded	None	3.6	Orange	
32056220	4MM FHL2G 180C 600VAC/1KVDC	4	12	1	Unshielded	None	4.4	Orange	
32063630	10MM FHL2G 180C 600VAC/1KVDC	10	8	1	Unshielded	None	6.5	Orange	3000
32104967	16MM FHL2G 180C 600VAC/1KVDC	16	6	1	Unshielded	None		Orange	
32051072	35mm FHL2G 180C 600VAC/1KVDC	35	2	1	Unshielded	None	11.0	Orange	1000
32056218	50MM FHL2G 180C 600VAC/1KVDC	50	1	1	Unshielded	None	13.2	Orange	700
32064808	70MM FHL2G 180C 600VAC/1KVDC	70	2/0	1	Unshielded	None	15.1	Orange	500
32076771	95MM FHL2G 180C 600VAC/1KVDC	95	3/0	1	Unshielded	None	17.4	Orange	700

## MULTI-CONDUCTORS

IEWC Material	Description	Gauge (mm <sup>2</sup> )	AWG Equiv.	# Conductors	Shield	Jacket	O.D. (mm)	Color	Put-Up
32063625	2.5MM 2C FHLR2GCB2G 180C 600VAC/1KVDC SH	2.5	14	2	Aluminum foil & tinned copper braid	Mod. silicone rubber	9.9	Orange	1250
32053480	4MM 2C FHLR2GCB2G 180C 600VAC/1KVDC SHLD	4	12	2	Aluminum foil & tinned copper braid	Mod. silicone rubber	11.3	Orange	1000
32054297	6MM 2C FHLR2GCB2G 180C 600VAC/1KVDC SHLD	6	10	2	Aluminum foil & tinned copper braid	Mod. silicone rubber	12.8	Orange	700
32056221	2.5MM 3C FHLR2GCB2G 180C 600VAC/1KVDC SH	2.5	14	3	Aluminum foil & tinned copper braid	Mod. silicone rubber	10.4	Orange	1000
32063626	4MM 3C FHLR2GCB2G 180C 600VAC/1KVDC SHLD	4	12	3	Aluminum foil & tinned copper braid	Mod. silicone rubber	12.1	Orange	850
32108030	6MM 3C FHLR2GCB2G 180C 600VAC/1KVDC SHLD	6	10	3	Aluminum foil & tinned copper braid	Mod. silicone rubber	14.1	Orange	
32063627	4MM 4C FHLR2GCB2G 180C 600VAC/1KVDC SHLD	4	12	4	Aluminum foil & tinned copper braid	Mod. silicone rubber	13.3	Orange	700
32063628	6MM 4C FHLR2GCB2G 180C 600VAC/1KVDC SHLD	6	10	4	Aluminum foil & tinned copper braid	Mod. silicone rubber	15.1	Orange	600
32053306	6MM 5C FHLR2GCB2G 180C 600VAC/1KVDC SHLD	6	10	5	Aluminum foil & tinned copper braid	Mod. silicone rubber	16.3	Orange	450