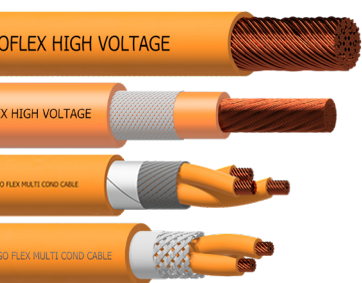


EXRAD ERGOFLEX™ High Voltage Battery Cable Constructions



Champlain EXTRAD ERGOFLEX™ cables are ISO-certified high voltage products that are ultra flexible with reduced size and weight advantages that also provide improved connector sealing and ergonomics for installers.

- Meets or exceeds all ISO-19642-5 requirements, including all fluids
- Ultimate flexibility, fluid resistant and tough
- Revolutionary EXTRAD ERGOFLEX™ Irradiation Crosslinked Polyolefin (XLPO): will not melt; higher current peaks tolerated
- Performs at higher temperatures for longer periods of time
- Flexible, small bending radius for tight spaces and easy routing
- Excellent compression set properties for connector sealing: 92% Retention
- Designed to improve ergonomics and reduce operator movement / fatigue
- Flexible thin and thick-walled EXTRAD ERGOFLEX insulation, shielded or unshielded constructions available
- UV Protection available if needed (not standard)
- -55°C to 150°C

Shielded Single Conductor

IEWC Part #	IEWC Description	Vendor Part #	Champlain Web Part #	# of Conductors	Gauge	AWG Equiv.	Stranding	Insulation Material	Shield Type	Jacket Material	Voltage
32129586	3mm 44BC EXTRAD-EF OBS 150C 1kV ORANGE	15-08548-XXX	EXRAD-EF/EF-TW-3.0	1	3MM2	12	1615	EXRAD ERGOFLEX	TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129546	5mm 70BC EXTRAD-EF OBS 150C 1kV ORN	15-08550-XXX	EXRAD-EF/EF-TW-5.0	1	5MM2	10	70	EXRAD ERGOFLEX	TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129547	12mm 175BC EXTRAD-EF OBS 150C 1kV ORN	15-08551-XXX	EXRAD-EF/EF-TW-12	1	12MM2	8	175	EXRAD ERGOFLEX	TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129548	16mm 224BC EXTRAD-EF OBS 150C 1kV ORN	15-08528-XXX	EXRAD-EF/EF-TW-16	1	16MM2	6	224	EXRAD ERGOFLEX	TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129549	25mm 364BC EXTRAD-EF OBS 150C 1kV ORN	15-08552-XXX	EXRAD-EF/EF-TW-25	1	25MM2	4	364	EXRAD ERGOFLEX	TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129550	35mm 1083BC EXTRAD-EF OBS 150C 1kV OR	15-08558-XXX	EXRAD-EF/EF-TW-35	1	35MM2	2	1083	EXRAD ERGOFLEX	TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129611	50mm 1615BC EXTRAD-EF OBS 150C 1kV OR	15-08565-XXX	EXRAD-EF/EF-TW-50	1	50MM2	1/0	1615	EXRAD ERGOFLEX	TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32156905	70mm 2128BC EXTRAD EF SHLD 150C 1kV ORN	15-08678-XXX	EXRAD EF/EF-TW-70	1	70MM2	2/0	2128	EXRAD ERGOFLEX	TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32156906	95mm 2926BC EXTRAD EF SHLD 150C 1kV ORN	15-08787-XXX	EXRAD-EF/EF-TW-95	1	95MM2	3/0	2926	EXRAD ERGOFLEX	TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32170217	120mm 3886BC EXTRAD-EF 150C 1kV SHLD ORG	15-08853-XXX	EXRAD-EF/EF-TW-120	1	120MM2	4/0	3885	EXRAD ERGOFLEX	TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32170218	150mm 4788BC EXTRAD-EF 150C 1kV SHLD ORG	15-08854-XXX	EXRAD-EF/EF-TW-150	1	150MM2	300MCM	4788	EXRAD ERGOFLEX	TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V

Unshielded Single Conductor

IEWC Part #	IEWC Description	Vendor Part #	Champlain Web Part #	# of Conductors	Gauge	AWG Equiv.	Stranding	Insulation Material	Shield Type	Voltage
32129613	12mm 175BC EXTRAD EF 150C 1kV ORN	15-08561-XXX	EXRAD-EF150-12	1	12MM2	8	175	EXRAD ERGOFLEX	UNSHIELDED	1000V
32129614	16mm 224BC EXTRAD EF 150C 1kV ORN	15-08370-XXX	EXRAD-EF150-16	1	16MM2	6	224	EXRAD ERGOFLEX	UNSHIELDED	1000V
32179964	50mm 1615BC EXTRAD-EF 150C 1kV ORG	15-08638-XXX	EXRAD-EF150-50	1	50MM2	1/0	1615	EXRAD ERGOFLEX	UNSHIELDED	1000V
32129615	70mm 2128BC EXTRAD EF 150C 1kV ORN	15-08562-XXX	EXRAD-EF150-70	1	70MM2	2/0	2128	EXRAD ERGOFLEX	UNSHIELDED	1000V
32129616	95mm 2926BC EXTRAD EF 150C 1kV ORN	15-08544-XXX	EXRAD-EF150-95	1	95MM2	3/0	2926	EXRAD ERGOFLEX	UNSHIELDED	1000V

Shielded Multi-conductor

IEWC Part #	IEWC Description	Vendor Part #	Champlain Web Part #	# of Conductors	Gauge	AWG Equiv	Stranding	Insulation Material	Shield Type	Jacket Material	Voltage
32129619	2X1.5mm BC EXTRAD150UT/EF 150C 1kV OR	DWG 18048	EXRAD-EF-MCS-TW-2x1.5	2	1.5MM2	16	19	EXRAD ERGOFLEX	FOIL + TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129617	2X2.5mm BC EXTRAD150UT/EF 150C 1kV OR	15-08611-001	EXRAD-EF-MCS-TW-2x2.5	2	2.5MM2	14	37	EXRAD ERGOFLEX	FOIL + TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129620	2X4mm BC EXTRAD EF/EF 150C 1kV OR	15-08605-XXX	EXRAD-EF-MCS-TW-2x4.0	2	4MM2	12	37	EXRAD ERGOFLEX	FOIL + TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129622	2X6mm BC EXTRAD EF 150C 1kV OR	15-08607-XXX	EXRAD-EF-MCS-TW-2x6.0	2	6MM2	10	84	EXRAD ERGOFLEX	FOIL + TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129624	2X10mm BC EXTRAD EF 150C 1kV OR	15-08609	EXRAD-EF-MCS-TW-2x10	2	10MM2	8	80	EXRAD ERGOFLEX	FOIL + TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129621	3X4mm BC EXTRAD EF 150C 1kV OR	15-08604	EXRAD-EF-MCS-TW-3x4.0	3	4MM2	12	37	EXRAD ERGOFLEX	FOIL + TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129623	3X6mm BC EXTRAD EF 150C 1kV OR	15-08606-XXX	EXRAD-EF-MCS-TW-3x6.0	3	6MM2	10	84	EXRAD ERGOFLEX	FOIL + TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V
32129625	3X10mm BC EXTRAD EF 150C 1kV OR	15-08608	EXRAD-EF-MCS-TW-3x10	3	10MM2	8	80	EXRAD ERGOFLEX	FOIL + TINNED COPPER BRAID	EXRAD ERGOFLEX	1000V