

# Irradiated XLE (EXRAD®) Shielded Battery Cable

Shielded Automotive Battery Cable

SAE: -70°C to 150°C, 600V, J1654

UL: 1000V



IEWC Part Number	AWG	Stranding	Nominal Insulation Thickness		Nominal O.D. Over Shield		Nominal Jacket Thickness		Nominal O.D.		Approx. Weight		Ampacity <sup>01</sup>
			in	mm	in	mm	in	mm	in	mm	lbs/1k ft	kg/km	
<b>EXRAD10-XLEOBS</b>	10	105/30	0.050	1.3	0.184	4.7	0.050	1.3	0.234	5.9	59	88	80
<b>EXRAD08-XLEOBS</b>	8	133/29	0.070	1.8	0.254	6.5	0.050	1.3	0.304	7.7	92	137	106
<b>EXRAD06-XLEOBS</b>	6	133/27	0.070	1.8	0.283	7.2	0.050	1.3	0.333	8.5	126	188	155
<b>EXRAD04-XLEOBS</b>	4	133/25	0.070	1.8	0.330	8.4	0.060	1.5	0.390	9.9	187	278	190
<b>EXRAD02-XLEOBS</b>	2	665/30	0.070	1.8	0.410	10.4	0.080	2.0	0.490	12.4	295	439	255
<b>EXRAD01-XLEOBS</b>	1	779/30	0.100	2.5	0.469	11.9	0.060	1.5	0.529	13.4	335	499	293
<b>EXRAD1/0-XLEOBS</b>	1/0	1007/30	0.110	2.8	0.528	13.4	0.060	1.5	0.588	14.9	412	613	339
<b>EXRAD2/0-XLEOBS</b>	2/0	1254/30	0.120	3.0	0.586	14.9	0.080	2.0	0.666	16.9	534	795	390
<b>EXRAD3/0-XLEOBS</b>	3/0	1615/30	0.120	3.0	0.623	15.8	0.080	2.0	0.703	17.9	620	923	451
<b>EXRAD4/0-XLEOBS</b>	4/0	2107/30	0.120	3.0	0.750	19.1	0.080	2.0	0.830	21.1	876	1,304	529

Exrad is a registered trademark of Champlain Cable Corp.

<sup>01</sup> Ampacities are for general use of 150°C conductor with ambient temperature @ 40°C

## Notes

- Soft-annealed, bare copper conductor
- Irradiated cross-linked elastomer (XLE) insulation
- Tinned copper braid shield
- Irradiated cross-linked elastomer (XLE) jacket
- 1000V in accordance with UL 758
- Standard insulation color: orange

## Alternative Constructions

- Metric (mm) sizes
- Unshielded constructions

## Applications

For use in automotive, electric motor & generator, grounding, lighting, tool and appliance applications. Rated for continuous use from -70°C up to 150°C.