



XLE Sensor Cables

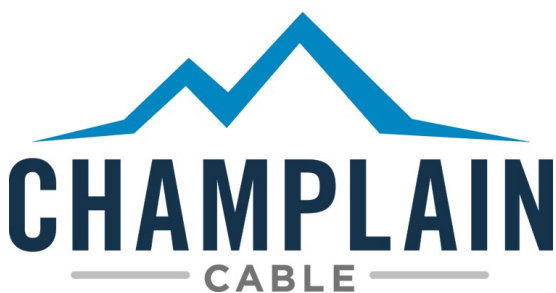
Rugged ABS and Sensor Cables

Champlain Cable has been producing ABS and other vehicular sensor cables for over 25 years. We employ state-of-the-art, in-line processing and measurement systems to ensure consistent quality.

- EXTRAD® Irradiation Cross-linked Materials Provide Robust, Long-Term Performance
- 150°C Temperature Performance
- EXTRAD XLE Accepts Many Over-Molding Materials Ensuring a Water Tight Seal
- TWISTIR™ Technology Helps Maintain Pair Twist and Core Geometry
- Meets ISO-6722-1 Flame Requirements
- Shielding and Other Cable Configurations Available, Consult Factory



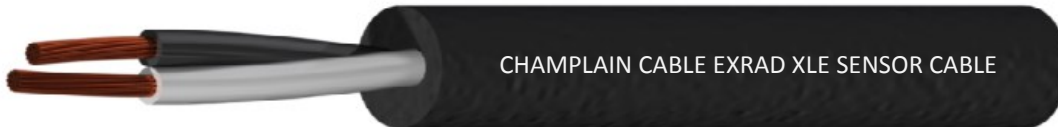
Product Number	Conductor Size & Strand	Nom. Conductor Diameter		Insulation Primary OD		Jacket	Cable OD		Lbs/Kft
		in.	mm	in.	mm		in.	mm	
12894	20AWG (41/36) BC	.035	0.89	.063	1.60	XLE	.169	4.3	15.04
12976	20AWG (41/36) TC	.035	0.89	.063	1.60	XLE	.169	4.3	15.04
12861	20AWG (41/36) BC	.035	0.89	.067	1.65	XLE	.177	4.5	15.34
12975	20AWG (41/36) TC	.035	0.89	.067	1.65	XLE	.177	4.5	15.34
12977	18AWG (19/0.0092") BC	.045	1.14	.075	1.91	XLE	.244	6.2	29.83
12934	18AWG (19/0.0092") TC	.045	1.14	.075	1.91	XLE	.244	6.2	29.83





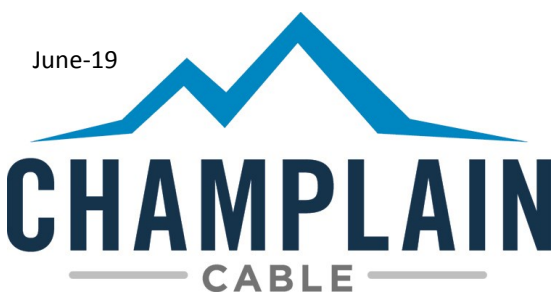
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Property / Attribute			SAE J-1127/1128 Req.	EXRAD XLE Typical Performance
Flame Resistance				
Flame Test	Maximum time after burn		70 Sec	Pass
Thermal Performance				
Cold Bend	4 hours at temperature no cracks / breakdown	ISO 6722	-40°C	Pass
Temperature Rating	3000 Hours	ISO 6722	150°C	Pass
Mechanical Properties				
Tensile	Minimum psi		1500	2000
Elongation	Minimum %		150	300
Abrasion	Sand Paper Resistance (SAE J-1128) (12975)		NA	1200mm
Abrasion	Scrape Abrasion (ISO 6722, 0.45mm cord) (12975)		NA	140 cycles
Fluids				
Engine Oil	ASTM D471, IRM-902	50 +/-3°C	15% Max.	.15%
Gasoline	ASTM D471 Ref. Fuel C	23 +/-5°C	15% Max.	11.1%
Ethanol	85% Ethanol + 15% ASTM D471, Ref. Fuel C	23 +/-5°C	15% Max.	<1%
Diesel Fuel	ASTM D471, 90% IRM-903 + 10% p-xylene	50 +/-3°C	15% Max.	0%
Power Steering	ASTM D471, IRM-903	50 +/-3°C	30% Max.	1.70%
Auto Transmission	Dexron III	50 +/-3°C	25% Max.	1%
Auto Transmission	Dexron VI	50 +/-3°C	25% Max.	2.2%
Engine Coolant	50% Ethylene Glycol + 50% distilled Water	50 +/-3°C	15% Max.	0%
Battery Acid	H2SO4 Specific Gravity = 1.260 +/- .005	23 +/-5°C	5% Max.	1.5%



CHAMPLAIN CABLE EXTRAD XLE SENSOR CABLE

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June-19

Manufacturing Locations:
Colchester, Vermont
El Paso, Texas
www.champcable.com