

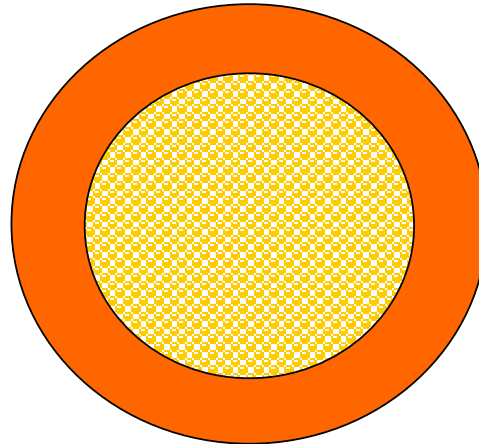
REV.	DESCRIPTION	DATE
0	Initial release.	12/13/2013
1	Corrected strand modified tolerances	12/19/2013

General Properties

Application

General Composition of Cable

High Voltage 10 awg EXTRAD 150 FX Lead Wire
 Electrical and Hybrid Vehicles, Batteries and Charging Cables
 See Below



Physical Data

Description		Dimensions:	
		Inches	mm
1. Conductor:	10awg 105/30 Tinned Copper	0.113	2.87
2. Insulation:	EXRAD 150FX wall thickness: 0.022 Inches	0.157	3.99
	Tolerance	+/- .003	+/- 0.10

Electrical Data

Conductor Resistance: 3.48 ohms/km @20° C nominal
 Voltage Rating: 1,000 volts maximum per SAE 1654

General Data

Use: Electric/ Hybrid Vehicles and Batteries
 Temperature Range: -55° C to +150° C

Min. Static Bend Radius: mm
 8



TITLE	10awg 105/30 TC High Voltage EXTRAD 150	
-------	---	--

UNLESS OTHERWISE SPECIFIED,
 DIMENSIONS AND TOLERANCES
 ARE IN INCHES

DO NOT SCALE THIS DRAWING

DRN.	Steve Blum	DATE	12/13/2013
CKD.	Richard Antic	DATE	12/19/2013
SIZE	PART NUMBER	DOCUMENT NUMBER	14589
A			

The information on this drawing is the proprietary property of Champlain Cable Corporation, and may not be used, reproduced or disclosed to others, in whole or in part, without written authorization.