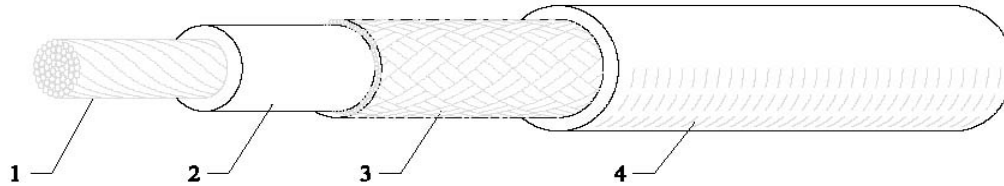


REV.	DESCRIPTION	DATE
0	Initial release.	6/25/2009

General Properties EXRAD FX 150°C 600 Volt 10 AWG (5mm²) BC

Application High Voltage Vehicles

General Composition of Cable See Below



Color Code

Primary Jacket Orange
TBD

Physical Data

Description	Dimensions (Nom.)	
	inches	mm
1. Conductor: 10 AWG 105/30 Bare Copper (5mm ²)	0.113	2.87
2. Insulation: EXAR 150 FX wall thickness: 0.48 mm	0.151	3.84
3. Braid: 36 AWG Tinned Copper 95% minimum coverage	0.178	4.52
4. Jacket: 150 FX 0.51 mm	0.218	5.54 +/- .08

Print Legend CHAMPLAIN EXRAD FX 10 AWG SHIELDED BATTERY CABLE XXXXX

Electrical Data Conductor Resistance:: 1.04 ohms/kft @20 C nominal
Voltage Rating 1000 Volts per SAE 1654 1994-6

General Data Meets Requirements of M5121 201 through 205
Use: High Voltage Vehicles
Temperature Range: -70° C to +150° C
Maximum Oil Resistance: 60° C
Primary Cable per SAE 1127 STX and M5121
Braid Details 24 Carrier 36AWG TC 7 Ends 8 Picks
UV Resistance Passes 1500 Hour Exposure to Xenon Light
Weight 57.5 pounds/kft copper weight = 46.52 pounds/kft
Bend Radius: inches mm
0.00 0.0



TITLE	EXRAD 150 FX 10 AWG High Voltage Cable	
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING	DRN.	Steve Blum	DATE	9/29/2009
	CKD.		DATE	
	SIZE	PART NUMBER	DOCUMENT NUMBER	
	A	15-07728	13861	

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