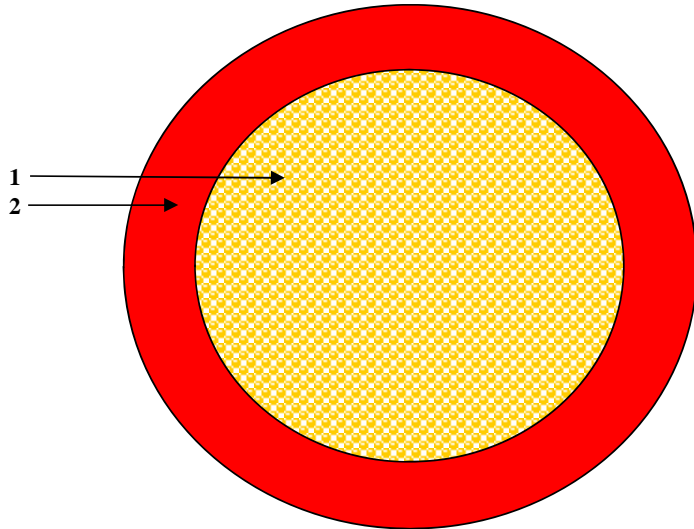


REV.	DESCRIPTION	DATE
0	Initial release.	4/29/2014

**General Properties** 50mm<sup>2</sup> EXTRAD FX Thickwall Battery Cable

**Application** Commerical Vehicle / Auto Cable

**General Composition of Cable** See Below



**Color Code**  
TBD

Physical Data		Dimensions (Nom.)	
Description		inches	mm
1. Conductor:	50mm <sup>2</sup> 798/.28mm bare copper	0.390	9.91
2. Insulation:	EXRAD FX wall thickness: 51 mil (1.3mm) nominal	0.492	12.50
	OD Tolerance:		11.5 - 13.5
Print Legend:	CHAMPLAIN, USA ISO 6722 150 DEG C, -55 DEG C, 50 SQ MM EXTRAD 150 FX XXXXX XXXXX = AUDIT NUMBER		

**Electrical Data**

Conductor Resistance: 0.368 mohms/m @20° C max / 0.343 mohms/m @20° C min .

Voltage Rating: 60 Volts per ISO6722, 600V per ISO 6722\*

\* Voltage requirements determine testing parameters

**General Data**

Use: Commercial Vehicles

Temperature Range: -40° C to +150° C per ISO 6722

Meets Requirements of: ISO 6722 Class D thickwall

Finished Weight: 342 pounds/mft (508 g/m)

Bend Radius: inches mm  
2.5 63



## 50mm<sup>2</sup> 798/.28mm Exrad FX Thickwall Battery Cable

**UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES**

DO NOT SCALE THIS DRAWING

DRN.	Richard Antic	DATE	4/29/2014
CKD.	Tom Roy	DATE	4/30/2014
SIZE	PART NUMBER	DOCUMENT NUMBER	
A	15-08041	14683	

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