

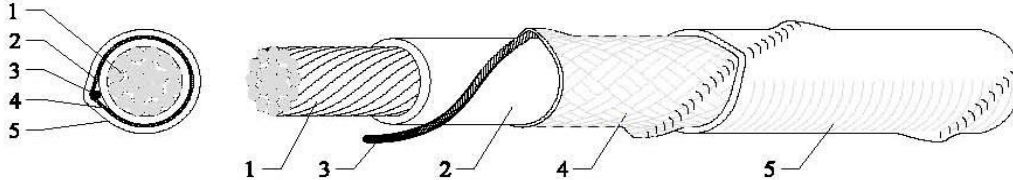
REV.	DESCRIPTION	DATE
0	Initial release.	7/14/2006
1	Revised min bend radius	8/7/2006
2	Added Drain wire changed jacket color	5/10/2006
3	Added part number	7/24/2007
4	Modified diameters	11/20/2009
5	Updated drain size and added voltage	6/27/2017

**General Properties**

Excellent resistance to high and low temperatures. Excellent abrasion and fluid resistance. Shielded battery cable.

**Application**

Including but not limited to: External connection of electric motors, batteries, inverters.



**Color Code**

Primary Insulation: Black  
Jacket Insulation: Red

**Physical Data**

Description	Dimensions (Nom.)	
	inches	mm
1. Conductor: 2/0 (1254/30) Bare Copper	0.438	11.1
2. Insulation: EXRAD 150FX: wall thickness: 50 mil [1.27 mm]	0.538	13.7
3. Drain: 18AWG 16/30 Stranded Tinned Copper, Spiral wrapped around insulated conductor: Lay length: 4inches +/- 1"	0.046	1.2
4. Braid: 32 AWG Tin Plated Copper, 85% min coverage	0.585	14.9
5. Jacket: EXRAD 150FX: wall thickness: 40 mil [1.02 mm]	0.665	16.9
Print Legend		
CCC 12965 2/0 SHIELDED BATTERY CABLE XXXXX XXXXX = audit sheet number		
Diameter over the drain wire	0.700	17.8

**Technical Information:**

Temperature Rating: -70 - 150°C  
Conductor CMA: 125100  
Static Bend Radius: 4 X Cable Diameter  
Voltage rating: 600V

Note: Preliminary Design Subject to Change Upon Customer Approval



TITLE		
Shielded Battery Cable		
2/0 AWG, EXRAD 150FX		

UNLESS OTHERWISE SPECIFIED,  
TOLERANCES  
DIMENSIONS AND  
ARE IN INCHES  
DO NOT SCALE THIS DRAWING

DRN.	Scott Hood	DATE	7/14/2006
CKD.		DATE	
SIZE	PART NUMBER	DOCUMENT NUMBER	
A	15-07605-001	12965	