

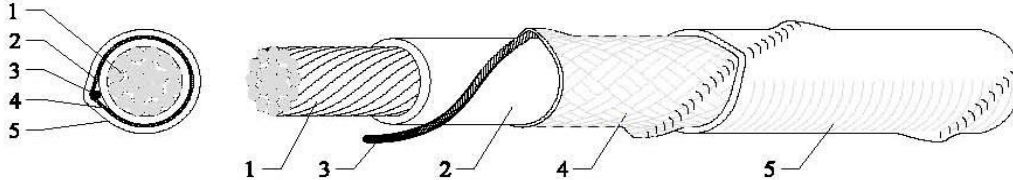
REV.	DESCRIPTION	DATE
0	Initial release.	7/14/2006
1	Revised min bend radius	8/7/2006
2	Added Drain wire changed jacket color	5/10/2006
3	Added part number	7/24/2007
4	Modified diameters	11/20/2009
5	Updated drain size and added voltage	6/27/2017

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

 CHAMPLAIN CABLE 175 HERCULES DRIVE COLCHESTER, VT 05446 802-654-4200	TITLE	
	Shielded Battery Cable	
	2/0 AWG, EXRAD 150FX	
	DRN.	DATE
Scott Hood	7/14/2006	
CKD.	DATE	
SIZE	PART NUMBER	DOCUMENT NUMBER
A	15-07605-001	12965

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