

REV.	DESCRIPTION	DATE
0	Initial release.	6/23/2016
1	Correct Conductor OD and Insualtion wall	6/29/2016

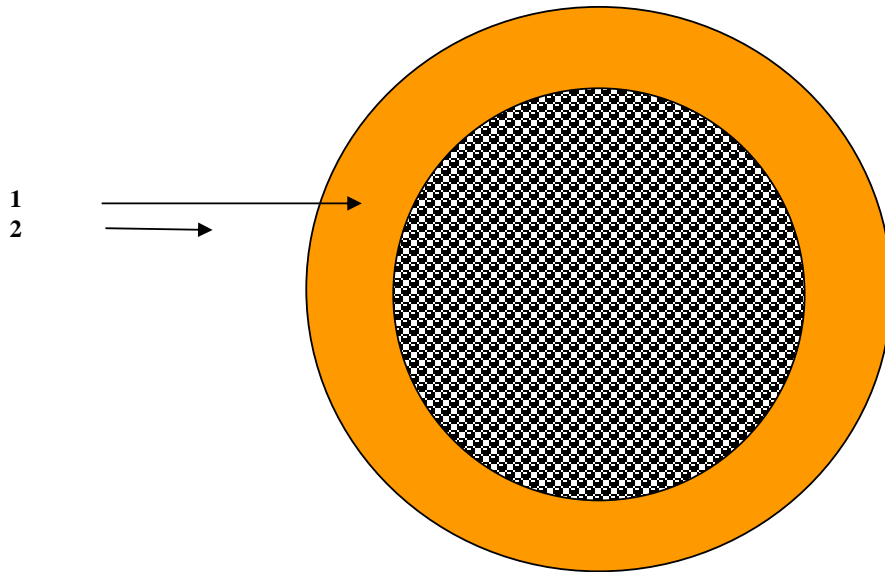
**General Properties**

High voltage 35mm<sup>2</sup> 551/.28mm BC HVFX Thinwall Battery Cable  
 Application Hybrid or Electric powered Vehicles

**Application**

**General Composition of Cable**

See Below



**Color Code**

Orange

**Physical Data**

Description	Dimensions (Nom.)	
	inches	mm
1. Conductor:	35mm <sup>2</sup> 551/.28mm bare copper	0.320 8.13
2. Insulation:	EXRAD HVFX wall thickness: 35 mil	0.390 9.91

**Electrical Data**

Resistance 0.527max mOhm/M at 20°C  
 Voltage Rating 600 volts maximum per ISO 6722-1

**General Data**

Use: High Voltage Power Cables for Electric or Hybrid Vehicles  
 Temperature Range: -40° C to +150° C  
 Specification: Meets requirements per ES-AU5T-1A348-AA "4TAH"

Bend Radius: inches mm  
 1.95 49.6



175 HERCULES DRIVE  
 COLCHESTER, VT 05446  
 802-654-4200

**TITLE**

35mm<sup>2</sup> 551/.28mm Exrad HVFX 600V Thinwall

UNLESS OTHERWISE SPECIFIED,  
 DIMENSIONS AND TOLERANCES  
 ARE IN INCHES

DO NOT SCALE THIS DRAWING

DRN.	Steve Blum	DATE	6/23/2016
CKD.	Jun Yi	DATE	6/23/2016
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