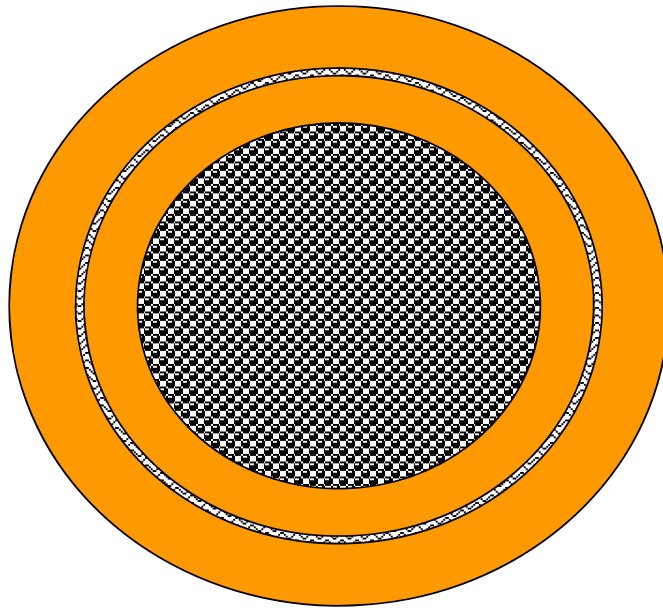


REV.	DESCRIPTION	DATE
0	Initial release.	6/23/2016
1	Add Color options	2/7/2018
2	added -005 Orange Black and weights	5/18/2018

**General Properties**  
**Application**  
 High voltage 35mm2 551/.28mm BC HVFX/XLE Shielded Thinwall Battery Cable  
 Hybrid or Electric powered Vehicles

**General Composition of Cable** See Below



**Color Code**

Inner	Orange
Outer Jacket	
-001	Org
-002	Org-Blue
-003	Org- Red
-004	Org-Wht
-005	Org-Blk

**Physical Data**


Description		Dimensions (Nom.)	
		inches	mm
1. Conductor:	35mm2 551/.28mm bare copper	0.320	8.13
2. Insulation:	EXRAD HVFX wall thickness: 35 mil	0.389	9.88
3. Shield	34 AWG Tinned Copper Braid, 95% coverage-Nominal	0.417	10.59
4. Jacket	EXRAD XLE wall thickness: 45 mil	0.507	12.88

**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:	ES-9E58-14B322-AA
Bend Radius:	inches      mm
	2.54          64.4
Weight	.308. lbs./ft.    1.37 lbs./meter

 <p><b>UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES</b></p> <p><b>DO NOT SCALE THIS DRAWING</b></p>	TITLE		35mm2 551/.28mm Exrad HVFX/XLE Shielded Thinwall	
	DRN.		DATE	
	Steve Blum		6/23/2016	
	CKD.		DATE	
Jun Yi		6/23/2016		
SIZE	PART NUMBER	DOCUMENT NUMBER		
A	15-08242-XXX	15462		