

REV.	DESCRIPTION		DATE
0	Initial release		3/22/2019
1	Template Update		6/23/2025

General Properties

Application

General Composition of Cable

High Voltage 2 AWG EXRAD XLE Unshielded Battery Cable

Automotive

See Below

Color Code
Orange

Item	Component	Description	Thickness				Dimensions					
			inch		mm		inch		mm			
			Nom	Min	Nom	Min	Nom	+/- Tol	Nom	+/- Tol		
1	Conductor:	2 665/30 Bare Copper										
2	Insulation	EXRAD XLE		0.040	0.038	1.02	0.97	<D>	0.318	+0.007/-0.023	8.08	+0.18/-0.58

Print:

CHAMPLAIN EXRAD XLE 2 AWG 1000V BATTERY CABLE XXXXX

XXXXX = Audit Number

Interval = 12" (Start to start)

Electrical Data

Conductor Resistance:: 0.156 ohms/kft 0.512 ohms/km @20°C nominal

Voltage Rating: 600V per SAE J1654 1996

General Data

Use: Automotive Battery Cable

Temperature Rating: 3000hrs at 150°C

Temperature Range: - 70°C to +150°C

Weight 224 pounds/kft

Minimum Satic Bend Radius: inches mm

2 51

	TITLE		
	2 AWG 665/30 BC EXRAD XLE Unshielded Battery Cable		
	DRN.	Steve Blum	DATE 9/5/2012
	CKD.	Aida Rueda	DATE 6/23/2025
DO NOT SCALE THIS DRAWING	SIZE A	PART NUMBER 21-02000-XXX	DOCUMENT NUMBER 14348

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Preliminary Drawing for Design use only

PAGE 1 of 1

ETF-011: Owner: V.P. Business Development 2/28/2025