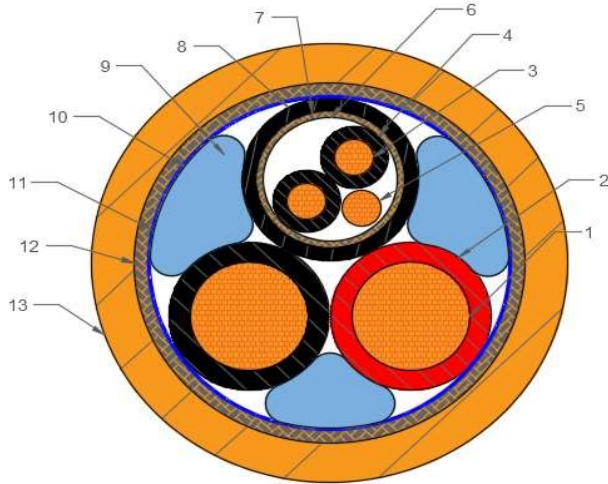


REV.	DESCRIPTION	DATE
0	Initial release.	4/30/2019
1	Jacket to STP & Orange Jacket	5/13/2019
2	BC to TC	5/20/2019

**Application** Vehicles

**General Composition of Cable** See Below




Color Code	
Sub Component	
Jacket	Black
Cond 1	Black
Cond 2	Black
8 AWG	
Cond 1	Red
Cond 2	Black
Jacket	Orange

**Physical Data**

Description	Dimensions (Nom.)	
	inches	mm
1 Conductor: 8 AWG 133/29 TC	0.166	4.22
2 Insulation: Exrad FX wall thickness: 30 mil nom.	0.226	5.74
3 Conductor: 16 AWG 19/29 TC	0.055	1.40
4 Insulation: Exrad FX 20 mil nom.	0.095	2.41
5 Drain Wire: 16 AWG 19/29 TC	0.055	1.40
6 Cable: Cable 16 AWG Pairs	0.190	4.83
7 Braided Shield: 36 AWG TC, 85% nominal coverage	0.210	5.33
8 Jacket: Exrad FX 20 mil nom.	0.250	6.35
9 Filler: Fibrillated Polypropylene	0.135	3.43
10 Cable: 2 X 8AWG and 2x16AWG+ fillers	0.507	12.88
11 Binder Wrap: 1mil polyester, spiral wrapped 25% overlap	0.511	12.98
12 Braid: 36 AWG TC, 85% nominal coverage	0.531	13.49
13 Jacket: Exrad 150FX 45 mil nom	0.621	15.77

**General Data** Temperature Range: -40°C to +150°C  
 8AWG Primaries: Meets SAE J1128 GXL Dimensions  
 16AWG Primaries: Meets SAE J1128 GXL Dimensions  
 Voltage Rating: 1000V per SAE J1654

Min. Bend Radius: (static) in 3.7 mm 94.64

 <b>CHAMPLAIN</b> CABLE UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING	TITLE	
	2 X 8 AWG + 2 X 16 AWG EXRAD FX Shielded Cable	
	DRN.	DATE
	CKD.	DATE
SIZE	PART NUMBER	DOCUMENT NUMBER
A		17789
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