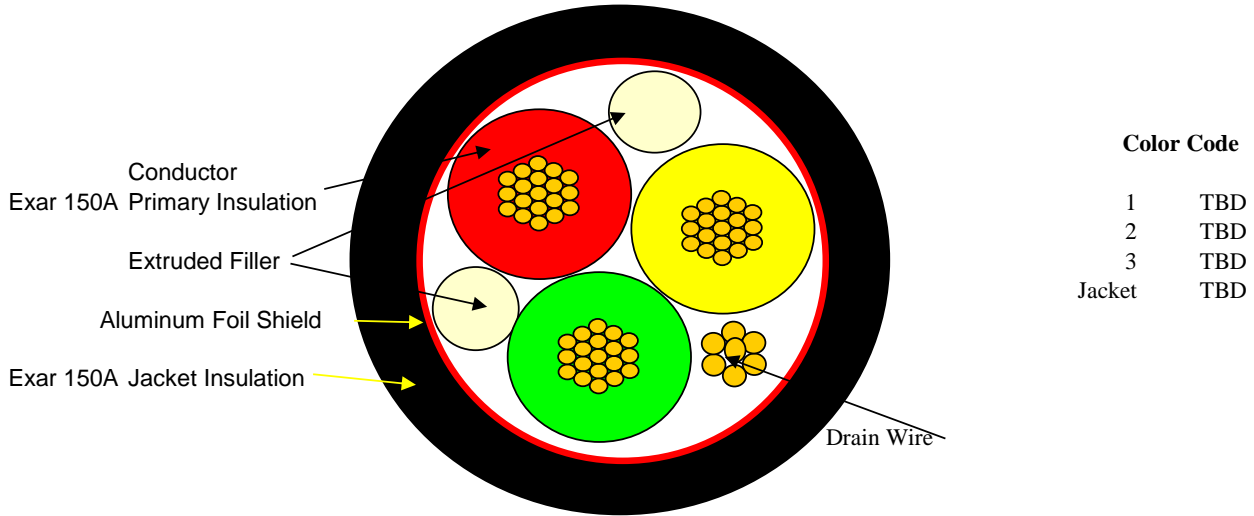


REV.	DESCRIPTION	DATE
0	Initial release.	12/28/2016
1	add nominal capacitance	1/12/2017

General Composition of Cable



Physical Data

Description		Dimensions (Nom.)	
		inches	mm
1. Conductor:	18 19/30 tinned copper	0.045	1.14
2. Insulation:	Exar 150A wall thickness: 16 mil	0.079	2.01
3. Filler	Extruded XLPE Fillers as necessary for roundness		
4. Drain Wire	18 7/26 Tinned copper	0.0477	1.21
Cable	3X 18 and Drain and Filler	0.170	4.32
5. Shield	Aluminum Shield 1.5 mil	0.176	4.47
6. Jacket:	Exar 150A wall thickness: 30 mil	0.236	6.00

Tolerance: +/- .010"

Print Legend: CHAMPLAIN CABLE 15877 (*) AWM STYLE 4312 125C 300V LL30637 CSA AWM II A 125C 300V XLPE 3C 18 AWG XXXXX
 XXXXX = Audit Sheet Number

General Data
 Capacitance: 29.6 pF/ft Nominal
 UL Style, CSA: 4312, AWM II A 125C 300V 3C 18 AWG
 Temperature Range: -40° C to +125° C
 Voltage Rating: 300 volts
 Bend Radius: inches mm
 1.2 30



TITLE
UL4312 3 Conductor Shielded Cable

UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING	DRN.	Steve Blum	DATE	12/28/2016
	CKD.		DATE	
	SIZE	PART NUMBER	DOCUMENT NUMBER	15877