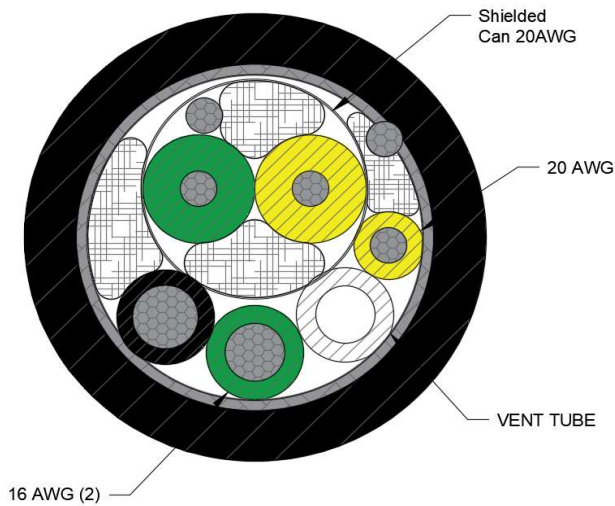


REV.	DESCRIPTION	DATE
0	Initial release	3/5/2020
1	Added Tape	3/12/2020
2	Tape Change	6/16/2020

Color Code	
Shielded Can	
Cond 1 -Cond 2	Green-Yellow
Primaries	
16 AWG	Green
16 AWG	Black
20 AWG	Yellow
Jacket	Black




Item	Component	Description	Thickness				Dimensions			
			inch		mm		inch		mm	
			Nom	Min	Nom	Min	Nom	Tol	Nom	Tol
1.	Conductor:	20 AWG 19/33 TC			NA	NA	0.035		0.89	NA
2.	Insulation:	Cell-Rad	0.036		0.91	NA	0.107	0.003	2.72	0.08
3.	Cable:	Twin two 20 AWG leads with filler			NA	NA	0.214		5.44	NA
4.	Drain Wire:	20 AWG 19/33 TC			NA	NA	0.035		0.89	NA
5.	Tape:	AL/Polyester Tape, 33%	0.0015		0.04	NA	0.217		5.52	NA
6.	Conductor:	16 AWG TC			NA	NA	0.057	0.001	1.44	0.03
7.	Insulation:	EXRAD FX3	0.018		0.46	NA	0.093		2.36	NA
8.	Conductor:	20 AWG 19/33 TC			NA	NA	0.035		0.89	NA
9.	Insulation:	EXRAD FX3	0.016		0.41	NA	0.067		1.70	NA
13.	Drain Wire:	22 AWG TC Drain Wire			NA	NA	0.342		8.70	NA
11.	Cable:	Cable Components with Vent Tube, DW, and Fillers per Diagram			NA	NA	0.320		8.13	NA
12.	Tape:	AL/Polyester/AL Tape, 33% lap	0.001		0.03	NA	0.322		8.19	NA
14.	Shield:	36 AWG TC Braid, 85 % Coverage Nom	0.005		0.13	NA	0.342		8.70	NA
15.	Tape:	Polyester tape, 33% lap	0.001		0.03	NA	0.345		8.75	NA
16.	Jacket:	EXRAD ErgoFlex	0.050		1.27	NA	0.445	0.012	11.29	0.30

Print: CCC (PN) 18273 COMPOSITE CABLE 20 AWG STP 2C 16 AWG 1C 20 AWG VENT TUBE XXXXX MMDYY  
 XXXXX = Audit sheet Number  
 Print Every 12" in White Ink

**General Data**

Voltage Rating: 300V Max  
 Temperature Range: -40°C to +125°C  
 Characteristic Impedance: 120 ohms +/- 10%  
 Static Bend Radius: in 3.56 mm 90.36

 <b>CHAMPLAIN</b> CABLE	TITLE			Composite Cable w/ Vent Tube		
	DRN.	R. Trahan		DATE	6/16/2020	
Special Characteristics <S> Safety <D> Dimensional	CKD.			DATE		
DO NOT SCALE THIS DRAWING	SIZE	PART NUMBER	DOCUMENT NUMBER			
	A	TBD	18273			
The information on this drawing is the proprietary property of Champlain Cable Corporation, and may not be used, reproduced or disclosed to others, in whole or in part, without written authorization.			Preliminary Drawing for Design use only and is subject to change			PAGE 1 of 1