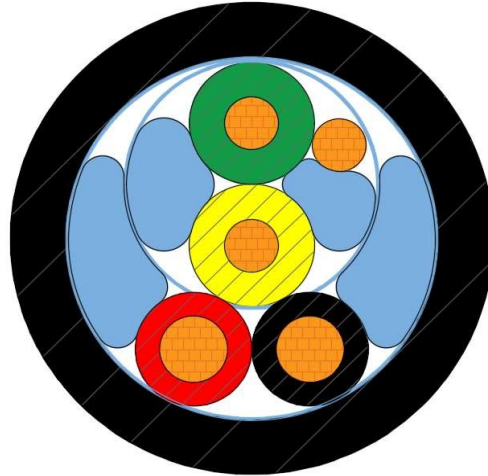


REV.	DESCRIPTION	DATE
0	Initial release	8/29/2019
1	1st run Updates	1/13/2020
2	Fix Min. Wall Error from .038" to .035" & Update Print Legend	3/31/2020



Item	Component	Description	Thickness				Dimensions					
			<>		<>		<>		<>			
			inch		mm		inch		mm			
			Nom	Min	Nom	Min	Nom	Tol	Nom	Tol		
1.	Conductor:	20 AWG 7/28 TC			NA	NA			0.038		0.97	NA
2.	Insulation:	Cel-Rad		0.025	0.64	NA	<D>	0.098	0.002	2.49	0.05	
3.	Cable:	Cable two 20 AWG TC with drain wire and Fillers if needed			NA	NA		0.196		4.98	NA	
4.	Drain wire:	20 AWG 7/28 TC			NA	NA		0.038	0.001	0.97	0.03	
5.	Foil Shield:	AL/Polyester Tape, Foil side in, 33% Min lap		0.0015	0.04	NA		0.200		5.07	NA	
6.	Conductor:	18 AWG 19/.0092 AWG TC			NA	NA		0.045		1.14	NA	
7.	Insulation:	EXRAD 150ZH		0.014	0.011	0.36	0.28	0.073	0.004	1.85	0.10	
8.	Filler	Polypropylene			NA	NA		0.090		2.29	NA	
9.	Cable:	Cable Shielded 20 AWG TP with two 18 AWG			NA	NA		0.273		6.93	NA	
10.	Tape:	Polyester Tape		0.001	0.03	NA		0.275		6.99	NA	
11.	Insulation:	EXRAD 125ZH		0.038	0.035	0.97	0.89	0.351	0.008	8.92	0.20	

Print: CCC18023 1PR 20AWG STP J1939-11 +18AWG 2C 60V 125C

Conformance


SAE TXL 18 AWG TXL WALL
 SAE CAN-Bus J1939-11 Table 7

Electrical Data

Voltage 60V
 Impedance 120 +/- 12 Ohms
 Capacitance 75pF/m Max

General Data

Temperature -40 to 125C
 Bend Radius (in) 2.5

	TITLE		
	20 AWG Shielded CAN-Bus & 18 AWG Power Composite Cable		
Special Characteristics <S> Safety <D> Dimensional	DRN.	R. TRAHAN	DATE 8/29/2019
	CKD.		DATE
DO NOT SCALE THIS DRAWING	SIZE	PART NUMBER	DOCUMENT NUMBER
	A	15-08576-001	18122
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	PAGE 1 of 1