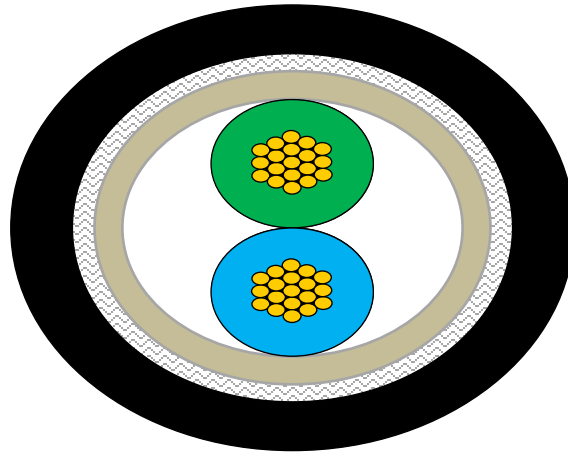


REV.	DESCRIPTION	DATE
0	Initial release	11/30/2021
1	Updated Spec call out to SAE	2/9/2023



Color Code
 Cond 1 LT Green
 Cond 2 LT Blue

Item	Component	Description	Thickness				Dimensions					
			<>	inch Nom	Min	mm Nom	Min	<>	inch Nom	Tol	mm Nom	Tol
1.	Conductor:	20 AWG 19/32 copper				0.00	NA		0.038	0.002	0.96	0.05
2.	Insulation:	EXRAD 200		0.0225	0.017	0.57	0.43	<D>	0.083	0.001	2.10	0.03
3.	Cable:	Twist 2 X 0.50mm ² Lead Wires				0.00	NA		0.165		4.20	NA
4.	Inner Jacket:	Polypropylene		0.015		0.38			0.195	0.005	4.96	0.13
5.	Shield:	Aluminum Polyester, foil out 25% min overlap		0.0015		0.04	NA		0.199		5.06	NA
6.	Shield:	38 AWG Braid tinned copper 85% min coverage		0.004		0.10			0.217		5.51	NA
7.	Jacket:	EXRAD ERGO Flex		0.028		0.71	NA	<D>	0.273	0.005	6.93	0.13

Print CHAMPLAIN CABLE DATARAD 19054 XXXXX
 XXXXX = Traveler number
 Interval = 12" Start to start

General Data

Conductor Resistance: 11.2 ohms / kft (36.47 mohm/m nominal)
 Characteristic Impedance (Target): 100 +/- 5 Ω
 Cable Meets Applicable Requirements of: SAE J3117/2 Class C
 Swept Electrical Requirements: SAE J3117/2 STP 1000BT-1 Class 2, 40m length Max
 Temperature Range: -55 $^{\circ}$ C to +125 $^{\circ}$ C
 Voltage Rating: 60 volts
 Flex Bend Radius: inches mm
 1.4 35

	TITLE
	2 X 20 AWG Ethernet Shielded Cable 1000 Base T1 with PP Bedding Layer

Special Characteristics <S> Safety <D> Dimensional	DRN. Richard Antic	DATE 11/30/2021
	CKD. R. TRAHAN	DATE 11/9/2022
DO NOT SCALE THIS DRAWING	SIZE A	PART NUMBER 15-08797-001
		DOCUMENT NUMBER 19054
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