

REV.	DESCRIPTION	DATE
0	Initial release.	12/28/2006
1	Added part number.	02/09/2007
2	Increase Cable Diameter	02/28/2007
3	Clarify Insulation, change temp rating	03/23/2007

General Properties:

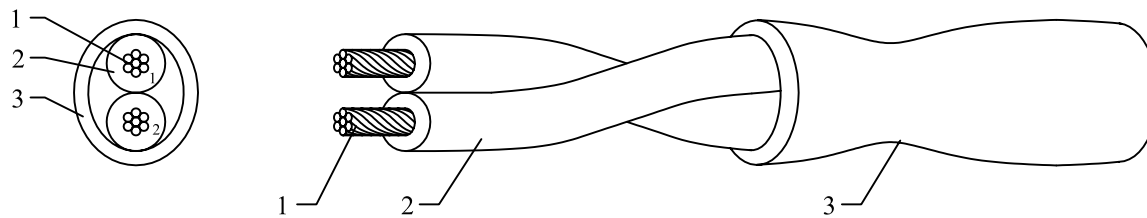
Controlled impedance, meets SAE J-1939/15, excellent abrasion, temperature and fluid resistance.

Application:

Including but not limited to: Sensors, engine diagnostics, multiplexing network protocol.

General Composition of Cable:

Color Code	
1	Dark Green
2	Yellow
Jacket	Black



Construction Details:


		Min.	Nom.	Max.
1. Conductor:	20 AWG 7/28 Bare Copper	0.036"	0.038"	0.040"
		[0.91mm]	[0.97mm]	[1.02mm]
2. Insulation:	Xlinked HDPE w/ skin , 17 mil [0.43mm] wall nom.	0.070"	0.072"	0.074"
		[1.78mm]	[1.83mm]	[1.88mm]
Cabling:	2 primaries twisted	Lay 1.0"-1.5"	0.144"	0.150"
		Length: [25.4-38.1 mm]	[3.65mm]	[3.80mm]
3. Jacket:	RADXL 125, 28 mil [.74mm] wall nom.	0.202"	0.208"	0.214"
		[5.13mm]	[5.28mm]	[5.44mm]

Print Legend: CHAMPLAIN RADXL CANBUS 1939/15-20 MULTIPLEX 13028

Note: Diameter dimensions are taken along the major axis

Technical Information:

Voltage Rating: 60 V dc Nominal system voltage
 Temperature Rating: -40 °C to +105 °C
 Impedance: 120 +/- 12 Ω @ 1 MHz

 175 HERCULES DRIVE COLCHESTER, VT 05446 802-654-4200	TITLE		1939/15 CANBUS CABLE 20 AWG 7/28 Un-Shielded	
	UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING		DRN.	DATE
		Ken Scherzinger		12/28/2006
		CKD.	DATE	
		SIZE	PART NUMBER	DOCUMENT NUMBER
		A	23-00074-001	13028
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