

REV.	DESCRIPTION	DATE
3	Updated drawing to new format. Changed jacket material and wall thickness.	12/17/2001
4	Added manufacturing part number, updated title block, revised jacket thickness and OD.	11/30/2004

General Properties:

Controlled impedance, designed to requirements of SAE J-1939/15, excellent abrasion, temperature and fluid resistance.

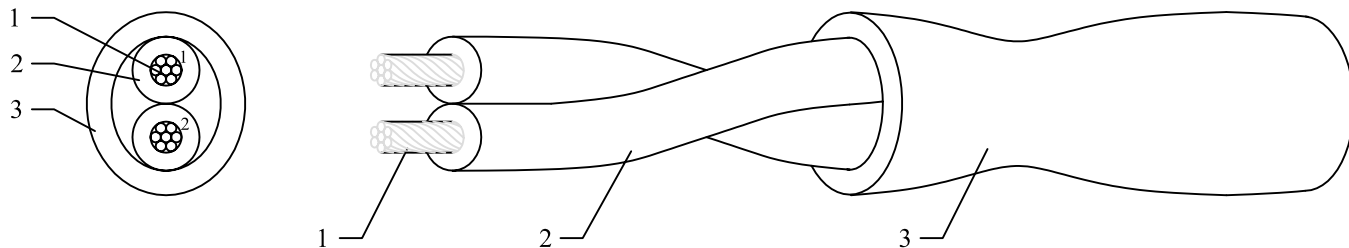
Application:

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

General Composition of Cable:

Color Code

1	Green
2	Yellow



Construction Details:

1. Conductor:	20 AWG 7/28 Bare Copper	0.038" [0.96mm] Nom.
2. Insulation:	EXRAD 150UT, 22 mil [0.51mm] Wall Nom.	0.082" [2.08mm] Nom.
Cabling:	2 primaries twisted Lay Length: 1.25" [31.7]	0.164" [4.16mm] Nom.
3. Jacket:	EXRAD 150FX, 30 mil [.76mm] Wall Nom. Color: Black	0.230" [5.84mm] Nom.
Print Legend:	CHAMPLAIN EXTRAD SAE J-1939/15-20 MULTIPLEX	

Technical Information:

Voltage Rating:	60 V dc Nominal system voltage
Temperature Rating:	-40 °C to +150 °C
Designed To:	SAE J-1939/15
Impedance:	120 +/- 12 Ω @ 1 MHz



TITLE
SAE J-1939/15 DATABUS CABLE
 20 AWG 7/28 Un-Shielded

UNLESS OTHERWISE SPECIFIED,
 DIMENSIONS AND TOLERANCES
 ARE IN INCHES
DO NOT SCALE THIS DRAWING

DRN.	Scott Hood	DATE	11/21/2001
CKD.		DATE	
SIZE A	PART NUMBER 15-07445-001	DOCUMENT NUMBER	12051

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