

REV.	DESCRIPTION	DATE
0	Initial release.	1/5/2010

**General Properties**

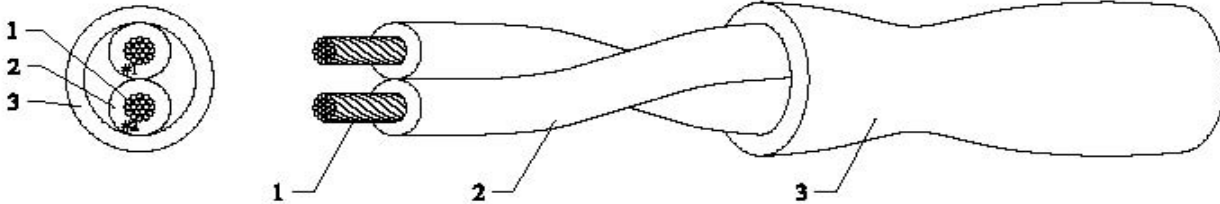
Meets J1939/15 Impedance Requirements , excellent abrasion, temperature and fluid resistance

**Application**

Commercial Vehicles

**General Composition of Cable**

See Below



**Color Code**

Primary	
1	Green
2	Yellow
Jacket	
	Black

**Physical Data**

Description		Dimensions mm		
		min	nom	max.
1. Conductor:	0.5mm <sup>2</sup> 19/.18 bare copper		0.89	
2. Insulation:	EXRAD 150UT wall thickness: 0.47 mm	1.80	1.84	1.88
Cable	Twist 2 conductors with 33mm nominal lay length		3.68	
3. Jacket	EXRAD 125 wall thickness: 0.61 mm	4.77	4.90	5.02
Print Legend	CHAMPLAIN EXTRAD 1939 0.5mm <sup>2</sup> AWG MULTIPLEX 13916			

**Electrical Data**

Conductor Resistance::	38.4 ohms/meter @20° C nominal
Impedance	120 +/- 12 ohms
Velocity of Propagation	64% nominal

**General Data**

Use:	Commercial Vehicles
Temperature Range:	-55° C to +125° C
Oil Resistance:	60° C maximum
Voltage Rating:	60 Volts
Static Bend Radius:	mm 20.00



**TITLE**

**CAN-Bus Cable 0.5mm<sup>2</sup> MULTIPLEX CABLE**

**UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES**

**DO NOT SCALE THIS DRAWING**

DRN.	Rick Antic	DATE	1/5/2010
CKD.	Ken Scherzinger	DATE	1/20/2010
SIZE	PART NUMBER	DOCUMENT NUMBER	
A	23-00091	13916	

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