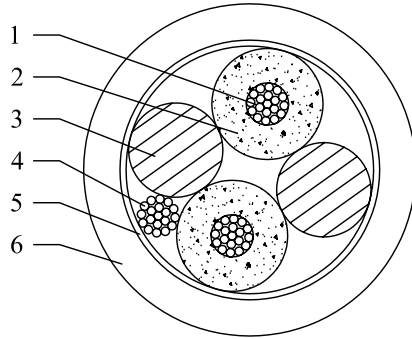


REV.	DESCRIPTION	DATE
0	Initial Release.	01/11/2007
1	Revised design.	06/20/2007

General Composition of Cable:



<u>Color Code</u>	
Conductor 1	Green
Conductor 2	Yellow
Jacket	Black

Construction Details:


1. Conductor:	0.50 mm ² 19/0.18mm Bare Copper	0.89mm (0.035") OD Nom.
2. Insulation:	Radx-cell, 0.72mm (28.5 mil) wall Nom.	2.34mm (0.092") OD Nom.
3. Filler:	Foamed PP	1.57mm (0.080") OD Nom.
4. Drain:	0.50 mm ² 19/0.18mm Bare Copper	0.89mm (0.035") OD Nom.
Cabling:	2 primaries, drain & fillers twisted Lay Length: 38.1mm (1.5") nom.	5.21mm (0.205") OD Nom.
5. Shield:	3.0 mil AL/MY, spiral wrapped, 20% overlap, foil in	5.46mm (0.215") OD Nom.
6. Jacket:	RADXL 150FX, 0.76mm (30 mil) wall Nom. Print: Radxl 1939-11 0.50mm ²	7.00mm (0.275") OD Nom.

Electrical Data:

Operating voltage:	300 volts maximum
Temperature Rating:	-40 °C to +125 °C
Conductor Resistance:	37.53 ohms/km 11.49 ohms/ft @ 20 °C nominal
Characteristic Impedance:	120 Ohms +/- 12 ohms @ 1MHz with shield grounded

General Data:

Use:	CAN-bus cable
Minimum Bend Radius:	70.4mm (2.9")

 <p>175 HERCULES DRIVE COLCHESTER, VT 05446 802-654-4200</p>	TITLE		120 OHM CAN-bus Two Conductor Cable 0.50mm²	
	UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING	DRN.		DATE
Scott Hood		01/11/2007		
CKD.		DATE		
SIZE		PART NUMBER		DOCUMENT NUMBER
A		23-00072-001		13035
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