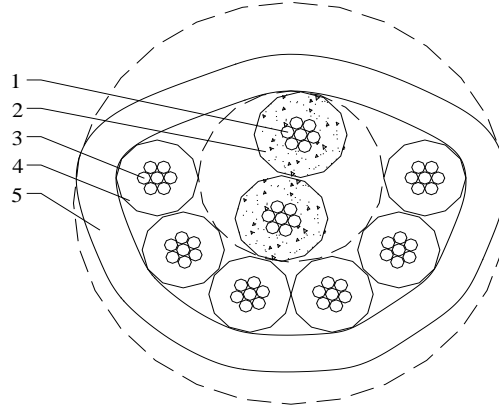


REV.	DESCRIPTION	DATE
0	Initial release.	4/18/2008
1	Added 2 primaries.	4/22/2008
2	Added color code to 6 primaries. Added Print Legend.	4/24/2008
3	Added electrical data, changed title block and voltage.	5/19/2008
4	Revised Voltage Rating	4/1/2009
5	Change Name "RADXL" to "EXRAD"	11/10/2013

### General Composition of Cable



Color Code	
Twisted Pair	Green
	Yellow
1	TN
2	TN/BK
3	TN/WT
4	WT
5	WT/BK
6	WT/RD
Jacket	Black

### Physical Data

Description	Dimensions (Nom.)	
	inches	mm
1. Conductor: 22 AWG 7/30 Bare Copper	0.030	0.76
2. Insulation: Exrad-cell: wall thickness: 20 mil [0.51 mm]	0.070	1.78
Cabling J1939 Pair: (2) Primaries Twisted Lay Length: 1.5" nom. Direction: Left	0.140	3.56
3. Conductor: 22 AWG 7/30 Bare Copper	0.030	0.76
4. Insulation: Exrad 150UT: wall thickness: 16 mil [0.51 mm]	0.062	1.57
Cabling Overall: (6) Primaries around Pair Lay Length: 4" nom. Direction: Left	0.230	5.85
5. Jacket: Exrad 125: wall thickness: 30 mil [0.56 mm]	0.290	7.38
<b>Note:</b> Cable not coil roll round		
Print Legend: Bathium P/N : E0020736-001 XXXXXXX		
XXXXXX = Traceability number		

### General Data

Temperature Range:	-40 °C to +125 °C
Voltage Rating:	60 Volts
Designed to:	J1939/15 electrical performance (twisted pair only) SAE Type TXL (6 single lead wires)
Bend Radius:	inches      mm 1.75            44

### Electrical Data (Twisted Pair Only)

Impedance:	120ohm +/- 12 ohms
Capacitance	12 pf @ 1 MHz (nominal)
Velocity of Propagation:	69% nominal



TITLE

## Composite Cable 22 AWG CANBus + (6) 22 AWG TXL

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS AND TOLERANCES  
ARE IN INCHES

DO NOT SCALE THIS DRAWING

DRN.	Scott Hood	DATE	4/18/2008
CKD.		DATE	
SIZE	PART NUMBER	DOCUMENT NUMBER	
A	To Be Determined	13554	

The information on this drawing is the proprietary property of Champlain Cable Corporation, and may not be used, reproduced or disclosed to others, in whole or in part, without written authorization.

PAGE 1 of 1