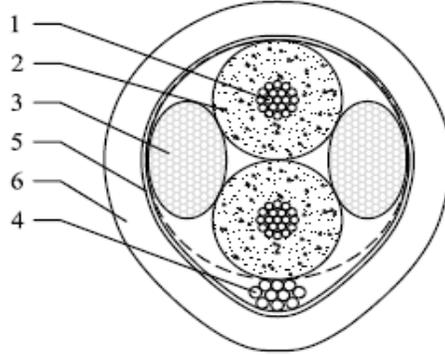


REV.	DESCRIPTION	DATE
3	Revised EXRAD reference, added modified to title block	10/4/2006
4	Revise title block description	1/28/2008
5	Updated trademark to EXRAD	6/9/2011
6	Change Voltage test requirement	7/17/2012
7	Add P/N with packaging info	4/10/2013

General Composition of Cable



Color Code

1	Green
2	Yellow
Jacket	Black

Physical Data

Description	Dimensions (Nom.)		
		inches	mm
1. Conductor:	0.5mm ² 19/.18 Bare Copper	0.035	0.89
2. Insulation:	Foamed EXRAD 150FX 36 mil	0.106	2.69
3. Filler	Polypropylene, flame retardant, yellow cord	0.071	1.81
Cable	2 X Primaries and fillers lay length 38.1 (1.5") nominal	0.213	5.42
4. Drain Wire	20 AWG 10/30 Tinned Copper	0.037	0.94
5. Shield	Aluminum Polyester 3 mil	0.231	5.87
6. Jacket:	EXRAD 125 wall thickness: 30 mil	0.291	7.40

Technical Information

Voltage Rating	60V dc nominal system voltage
Temperature Rating	-40° C to +125° C
Designed to:	Meet SAE J-1939/11 Tabel 7 cable electrical performance
Sparktest	1.5 kVAC - 100% test
Dry Dielectric:	1 kVDC / 10 Seconds conductor to conductor 1 kVDC / 10 Seconds conductor to shield
Impedance	120 +/- 12 Ohms @ 1MHz between signal wires with shield grounded using 120-OHM baluns
Specific Capacitance	Conductor to Conductor - 47 pF/m nom. Conductor to Shield - 69 pF/m nom.



TITLE	CAN-bus Cable Foamed Primary Design with Fillers 19/.18mm Shielded	0.5mm ²
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UNLESS OTHERWISE SPECIFIED,
DIMENSIONS AND TOLERANCES
ARE IN INCHES

DO NOT SCALE THIS DRAWING

DRN.	Scott Hood	DATE	6/17/2003
CKD.	R Antic	DATE	7/17/2012
SIZE	PART NUMBER	DOCUMENT NUMBER	
A	23-00033-001--1k/22" wood spool 23-00033-002--2.5k/24" wood spool		

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