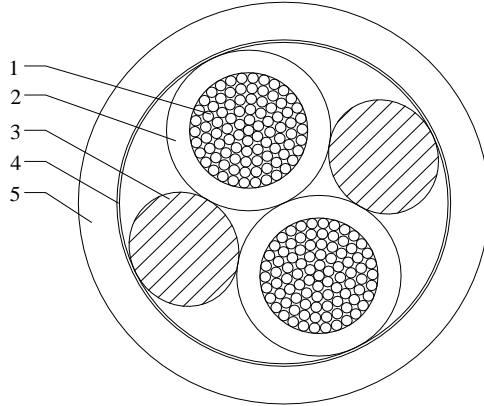


REV.	DESCRIPTION	DATE
0	Initial release.	5/1/2008
1	Changed jacket material from FX.	5/2/2008
2	Revised conductor OD and overall OD. Added print legend, dual stripes.	5/7/2008
3	Changed Voltage Rating	4/1/2009
4	Chg primary color, add conductor min/max, & chg Bathium P/N	12/22/2009
5	Add primary & Jacket min/max tolerances	12/24/2009
6	Change "RADXL" to "Exrad"	11/10/2013

General Composition of Cable



Color Code

1	OR
2	Blk
Jacket	OR

Physical Data

Description	Dimensions (Nom.)	
	inches	mm
1. Conductor:	12 AWG 105/32 Bare Copper	(.091"/2.31mm Min, .098"/2.49mm Max)
2. Insulation:	EXRAD 150FX wall thickness: 18 mil (0.46 mm) Nom .123"/3.1mm Min, .138"/3.5mm Max	0.131 3.33
3. Fillers:	Flame Retardant Polypropylene As needed to maintain roundness	
Cabling:	(2) Primaries & Fillers Lay Length: 2.0" nom. Direction: Left	0.262 6.65
4. Binder:	Polypropylene, 1 mil, sprial wrapped 20% min. overlap	0.265 6.74
5. Jacket:	EXRAD XLE wall thickness: 30 mil (0.76 mm) Nom .320"/8.1mm Min, .330"/8.38mm Max	0.325 8.26
Print Legend:	P/N: E20738AA XXXXX XXXXX = Audit Sheet Number	

General Data

Temperature Range:	-40 °C to +150 °C
Voltage Rating:	600 Volts per SAE 1654
Bend Radius:	inches mm 2.00 50.8



TITLE	2 Conductor 12 AWG Cable		
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING	DRN.	DATE
	CKD.	DATE
	SIZE PART NUMBER	DOCUMENT NUMBER
A	15-07621-001	13563

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