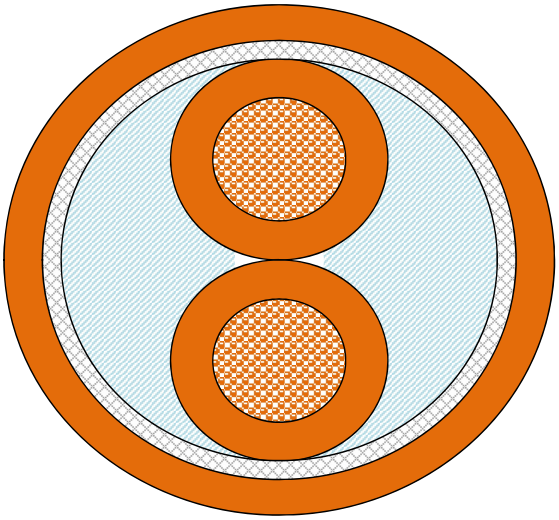
REV.	DESCRIPTION	DATE
0	Initial release	10/11/2019



Color Code	Print
Cond 1 Orange	ONE
Cond 2 Orange	TWO
Jacket Orange	

Item	Component	Description	Thickness <>	Thickness inch Nom	Thickness inch Min	Thickness mm Nom	Thickness mm Min	Dimensions <>	Dimensions inch Nom	Dimensions inch Tol	Dimensions mm Nom	Dimensions mm Tol
1.	Conductor:	6mm2 84/.30mm bare copper							0.115	0.003	2.92	0.08
2.	Insulation:	EXRAD EF-2		0.0242	0.019	0.61	0.48	<D>	0.163	0.006	4.15	0.15
3.	Filler	Fibrillated Flame Retardant Polypropylene. 6 X 090							0.090		2.29	NA
4.	Cable:	Cable 2 X 6mm2 Leads and Fillers							0.327		8.30	NA
5.	Shield:	34 AWG TC Braid		0.0063		0.16	NA		0.355		9.00	NA
6.	Barrier	Aluminum Polyester 25% min overlap foil in		0.0015		0.04	NA		0.358		9.10	NA
7.	Jacket:	EXRAD EF-2		0.0482	0.028	1.22	0.71		0.455	0.014	11.55	0.35

Conductor Resistance:	3.14 mohms / m max.
Primary Insulation	ISO 19642 -5 Class D Thin Wall
Spark Test Voltage	6000 Volts
Voltage Rating	1000 Volts AC 1500VDC
Jacket insulation	Meets requirements of ISO 19642-9 Class D
Jacket Sparktest	3000 volts
Temperature Rating	-40 - 150C

Weight	162 lbs./1000 Feet	
min Static Bend Radius	inches	mm
	2.3	58

CHAMPLAIN CABLE

TITLE

2 X 6mm2 EXRAD ERGO-Flex Shielded Cable

Special Characteristics <S> Safety <D> Dimensional	DRN. Richard Antic	DATE 10/11/2019
	CKD.	DATE
DO NOT SCALE THIS DRAWING	SIZE A / PART NUMBER TBD	18091

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