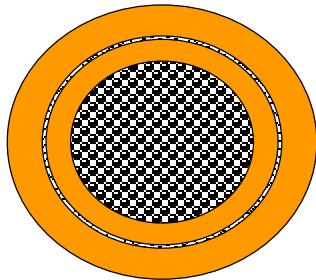


REV.	DESCRIPTION	DATE
0	Preliminary Release	6/10/2021
1	Update Stranding and ODs	11/23/2021
2	Update Conductor OD and Insulation Wall	11/9/2022
3	Update Dimensions	11/18/2022
4	Updated Print	3/13/2023
5	Change primary insulation & jacket thicknesses to match engineering dwg	4/13/2023




Color Code
Core Orange
Jacket Orange



Item	Component	Description	Thickness				Dimensions				
			inch		mm		inch		mm		
			Nom	Min	Nom	Min	Nom	Tol	Nom	Tol	
1.	Conductor:	150mm ² 4788/.20mm bare copper						0.690	0.020	17.53	0.51
2.	Insulation:	EXRAD Ergo Flex	0.078	0.048	1.97	1.22	<D>	0.845	0.020	21.47	0.51
3.	Shield:	32 AWG Tinned Copper Braid 85% coverage	0.008		0.20	NA		0.881		22.38	NA
4.	Jacket:	EXRAD Ergo Flex UV	0.060	0.048	1.52	1.22	<D>	1.000	0.025	25.40	0.64

Print "XXXXX CHAMPLAIN CABLE 150mm² EXRAD ERGOFLEX 18868"
XXXXX = Audit Number
Interval = 12" Nom (start to start)

Conductor Resistance: 0.120 mohms/m at 20°C Max.
Primary Meets Requirement of ISO 19642-5 Class D 150C except for dimensions and size
Jacket Meets Requirement of ISO 19642-9 150C except for dimensions and size
Jacket EF UV Passes 1500 Hours Xenon Arc Lamp
Temperature Range: -40° C to +150° C
Voltage Rating: 1000 VAC, 1500 VDC Per ISO 19642-9
Weight 181 lbs./1000 feet Nom.
Min Flex Bend Radius: inches mm
5.0 127

	TITLE		
	150mm ² Ergo Flex, 1000 Volt Thin Wall Shielded Cable		
Special Characteristics <S> Safety <D> Dimensional	DRN.	Richard Antic	DATE 6/10/2021
	CKD.	Richard Trahan	DATE 11/22/2021
DO NOT SCALE THIS DRAWING	SIZE A	PART NUMBER 15-08854-XXX	DOCUMENT NUMBER 18868
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