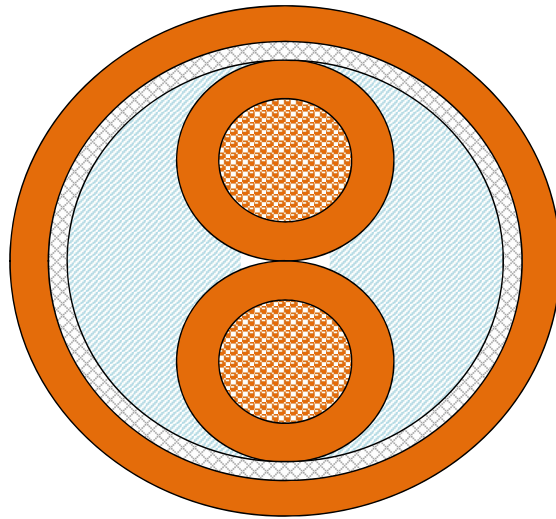


REV.	DESCRIPTION	DATE
0	Initial release	3/16/2020
1	added barrier tape and corrected the outside diameter	6/2/2020



Color Code Print
 Cond 1 Orange ONE
 Cond 2 Orange TWO


 Jacket Orange

Item	Component	Description	Thickness				Dimensions						
			inch		mm		inch		mm				
			Nom	Min	Nom	Min	Nom	Tol	Nom	Tol			
1.	Conductor:	10mm2 80/.40mm bare copper											
2.	Insulation:	EXRAD EF-2	0.0327	0.020	0.83	0.51	<D>	0.222	0.012	5.65	0.30		
3.	Filler	Fibrillated Flame Retardant Polypropylene. 6 X 090						0.090		2.29	NA		
4.	Cable:	Cable 2 X 10mm2 Leads and Fillers						0.445		11.30	NA		
5.	Barrier	Polyester 25% min overlap	0.0010		0.03	NA		0.447		11.36	NA		
6.	Shield:	34 AWG TC Braid 85% min coverage	0.0063		0.16	NA		0.475		12.07	NA		
7.	Shield:	Aluminum Polyester 25% min overlap foil in	0.0015		0.04	NA		0.479		12.16	NA		
8.	Jacket:	EXRAD EF-2	0.0608	0.028	1.54	0.71	<D>	0.600	0.014	15.25	0.35		

Print EXTRAD EF 2 X 10mm2 1000 VAC SHIELDED 18094 XXXXX

Conductor Resistance: 1.82 mohms / m max.
 Primary Insulation ISO 19642 -5 Class D Thin Wall
 Spark Test Voltage 8000 Volts
 Voltage Rating 1000 Volts AC 1500VDC
 Jacket insulation Meets requirements of ISO 19642-9 Class D
 Jacket UV Resistance Passes UL 720 Hours Exposure to Xenon Light
 Maximum Oil Resistance 60C
 Jacket Sparktest 3000 volts
 Temperature Rating -40 - 150C

Weight 210.78 lbs./1000 Feet
 min Static Bend Radius inches mm
 3.0 76

	TITLE	
	<h2>2 X 10mm2 EXTRAD ERGO-Flex Shielded Cable</h2>	
Special Characteristics <S> Safety <D> Dimensional	DRN. Richard Antic	DATE 10/14/2019
	CKD. Martha Veselka	DATE 3/13/2020
DO NOT SCALE THIS DRAWING	SIZE A PART NUMBER 15-08609	18094
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