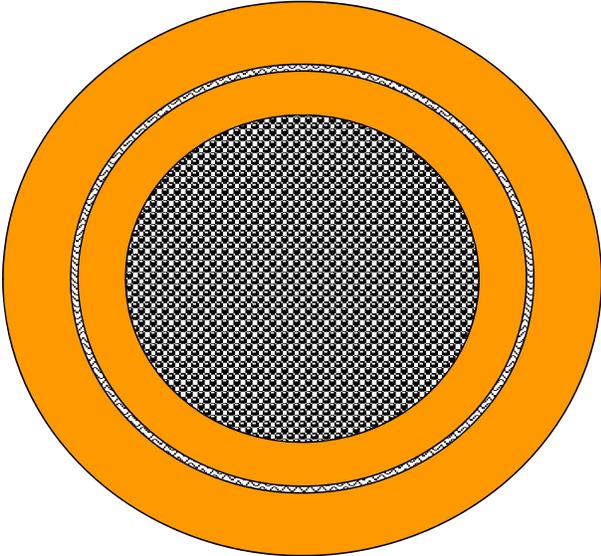


REV. 0	DESCRIPTION Initial release	DATE 1/8/2020
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Color Code

Core Orange

Jacket Orange

Item	Component	Description	Thickness				Dimensions						
			inch		mm		inch		mm				
			Nom	Min	Nom	Min	Nom	Tol	Nom	Tol			
1.	Conductor:	82mm ² (3/0) (1615/.25mm bare copper											
2.	Insulation:	EXRAD HVFX	0.0947	0.050	2.41	1.27	<D>	0.669	0.016	17.00		0.40	
3.	Shield:	34 AWG TC Braid	0.0063		0.16			0.697		17.71		NA	
4.	Shield:	Aluminum Polyester	0.0015		0.04			0.702		17.82		NA	
5.	Jacket:	EXRAD XLE	0.0684	0.050	1.74	1.27	<D>	0.838	0.024	21.30		0.60	

Print "82mm²HVFX UV Resistant Thick Wall 1000V Shielded 18200 XXXXX"

Conductor Resistance: 0.196 ohms /km max.
 Primary Meets Requirement of ISO 6722-1 Class D 150C Thick Wall except conductor size
 Jacket Meets Requirement of ISO 6722-1 Section 5-13 Class D 150C
 UV resistance Passes UL 720 hour Exposure to Xenon Light
 Temperature Range: -40° C to + 150° C
 Voltage Rating: 1000 volts Per SAE 1654
 Flex Bend Radius: inches mm
 3.5 89



TITLE
82mm² HVFX/XLE UV Resistant 1000 Volt Shielded Thick Wall Cable

Special Characterisitcs <S> Safety <D> Dimensional	DRN. Richard Antic	DATE 1/8/2020
	CKD.	DATE
DO NOT SCALE THIS DRAWING	SIZE PART NUMBER A 15-08585	DOCUMENT NUMBER 18200