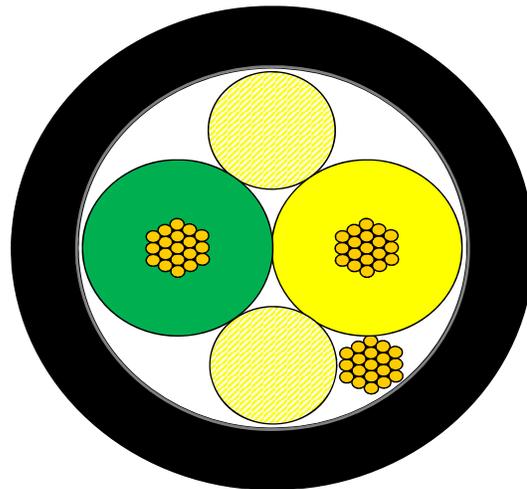


REV.	DESCRIPTION	DATE
0	Initial release	2/13/2019



	<b>Color Code</b>
Primary 1	Yellow
Primary 2	Green
Jacket	Black

Item	Component	Description	Thickness				Dimensions				
			inch		mm		inch		mm		
			Nom	Min	Nom	Min	Nom	Tol	Nom	Tol	
1.	Conductor:	18 16/30 Bare Copper						0.044	0.002	1.12	0.05
2.	Insulation:	EXRAD 125	0.0440	0.039	1.12	0.99		0.132	0.003	3.35	0.08
3.	Filler	Polypropylene Rope						0.088	0.003	2.25	0.08
4.	Conductor:	18 16/30 Tinned Copper						0.044	0.002	1.12	0.05
5.	Twin:	2 X 18 + Filler + Drain Wire LH Length of Lay 2"						0.264		6.71	NA
6.	Shield	.003" X .25" Aluminum Polyester Foil in 25% min overlap	0.0030	0.013	0.08	0.32		0.272		6.90	NA
7.	Jacket	EXRAD Ergo Flex-2	0.0450	0.039	1.14	0.99	<D>	0.362	0.015	9.18	0.38

Conductor Resistance: 6.78 ohms / kft  
Impedance: 120 +/- 12 Ohms  
Capacitance 80 pf/meter nom.

Temperature Range: -40° C to +125° C

Wieght 45.6 lbs/1000 Feet

min Static Bend Radius inches mm  
1.8 46



## 2 X 18 AWG Shielded CAN-bus

Special Characteristics <S> Safety <D> Dimensional	DRN.	Richard Antic	DATE	2/13/2019
	CKD.	Jun Yi	DATE	2/13/2019
DO NOT SCALE THIS DRAWING	SIZE	PART NUMBER	DOCUMENT NUMBER	
	A	23-00098-XXX	17543	

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