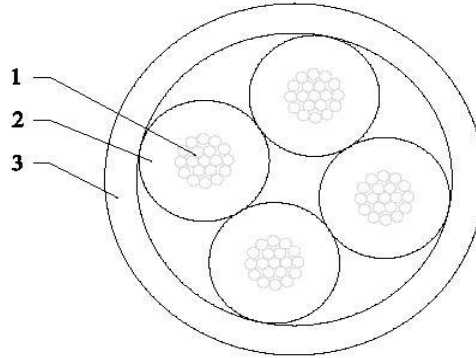


REV.	DESCRIPTION	DATE
0	Initial release.	5/6/2005
1	Revised Insualtion Material	12/20/2005
3	Added Electrical Requirments	3/14/2011

General Properties
Application EXRAD 125 4 X 20 19/32 TC Twisted Quad Cable
Agricultural Equipment

General Composition of Cable See Below



Color Code	
1	Red
2	Green
3	Black
4	Yellow
Jacket	Black

Physical Data		Dimensions (Nom.)	
Description		inches	mm
1. Conductor	20 19/32 Tinned Copper	0.038	0.97
2. Insulation	EXRAD 125 wall thickness: 23 mil	0.084	2.13
Cable	4 X, 20 AWG Conductors	0.203	5.16
3. Jacket	EXRAD FX 21 mil	0.244	6.20

Electrical Data	Description	Value
Conductor Resistance	20 AWG = 50 mohms/m @ 20° C max.	
Impedance	75 OHMS Nominal per ISO 11783-2:2002E Table 7	
Capacitance	75 pf/m maximum CAN_H and CAN_L per ISO 11783-2:2002E Table 7	
Capacitance	110 pf/m maximum between adjacent conductors per ISO 11783-2:2002E Table 7	
Voltage	60 volts max.	
Line Delay	5.0 ns/m nominal per ISO 11783-2:2002E Table 7	
General Data	Temperature Range:	-40° C to + 125° C per ISO 6722
Primaries		Per ISO 6722
Jacket		Per ISO 6722

Bend Radius: (static)	in	mm
	1.22	31.02



TITLE	EXRAD 125 20 AWG Twisted Quad Cable	
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS AND TOLERANCES ARE IN INCHES DO NOT SCALE THIS DRAWING	DRN.	Scott Hood	DATE	5/6/2005
	CKD.		DATE	
	SIZE	PART NUMBER	DOCUMENT NUMBER	
	A	15-07513-002	12823	

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