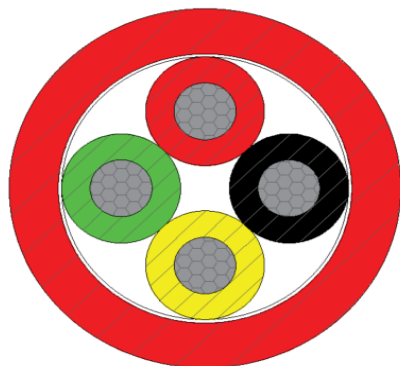


REV.	DESCRIPTION	DATE
0	Preliminary Release	7/16/2014
1	Update Template, print, voltage, wall thickness, add foil and spec call out	6/25/2025
2	Updated jacket from FX to 150A, added gernal data, updated voltage	6/27/2025



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

Item	Component	Description	Thickness				Dimensions			
			<>	inch		mm		<>	inch	
				Nom	Min	Nom	Min		Nom	+/- Tol
1	Conductor:	20 AWG 19/32 TC							0.038	0.001
2	Insulation	EXRAD 150UT		0.018		0.44			0.073	1.85
3	Cable:	Cable four primaries							0.176	4.48
5	Foil Shield:	Al/Polyester Foil shield, 50% lap nom		0.0015		0.04			0.180	4.57
6	Jacket:	EXRAD 150A		0.030		0.76			0.240	0.008 6.10 0.20

Print: XXXXX AMEREX CORPORATION - FIRE SUPPRESSION SYSTEM 4 X 20 AWG
 XXXXX = Audit Number
 Interval = 12" (end to start)

Electrical Data

DC Resistance 9.7 Ohms/mft at 20C Max
 Voltage Rating 300V max

General Data

Use: Fire Suppression system
 Insulation Material: Irradiation Crosslinked Polyolefin
 Color: Per SAE
 Fluid Resistance - Primary Engine Oil (ASTM D-471 IRM 902) Swell at 50C <3%
 Flame Resistance - Primary Gasoline (ASTM D-471 Fuel C) Swell at 23C <1%
 Temperature Range: 9 Sec Max burn time - Per SAE J1128 Section 6.8
 Weight: -55° C to +150° C
 33 lbs/mft Nom



TITLE
EXAR 20 AWG TWISTED QUAD CABLE

Special Characteristics <S> Safety <D> Dimensional	DRN. Steve Blum	DATE 7/16/2014
	CKD. R. Trahan	DATE 6/25/2025
DO NOT SCALE THIS DRAWING	SIZE A PART NUMBER TBD	DOCUMENT NUMBER 14772

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