

DESCRIPTION: 20/2 DATACELL J1939TF

UNITS: IN

SCALE: 10:1

ITEM

SPECIFICATIONS

CUSTOMER:

NWI P/N: FJ1939202-001, 001N

DWG NO: 2002C019

CUSTOMER P/N:

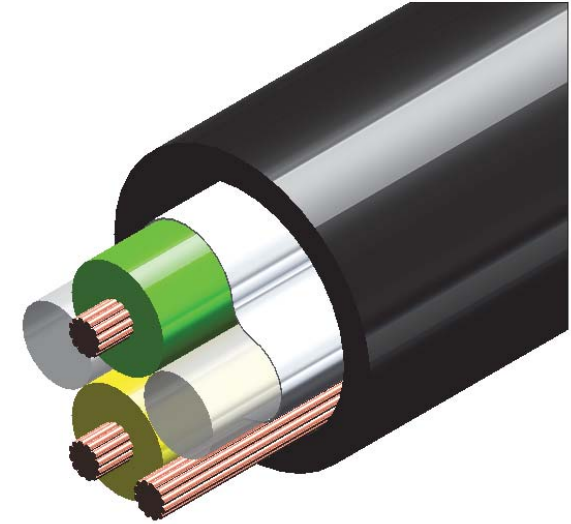
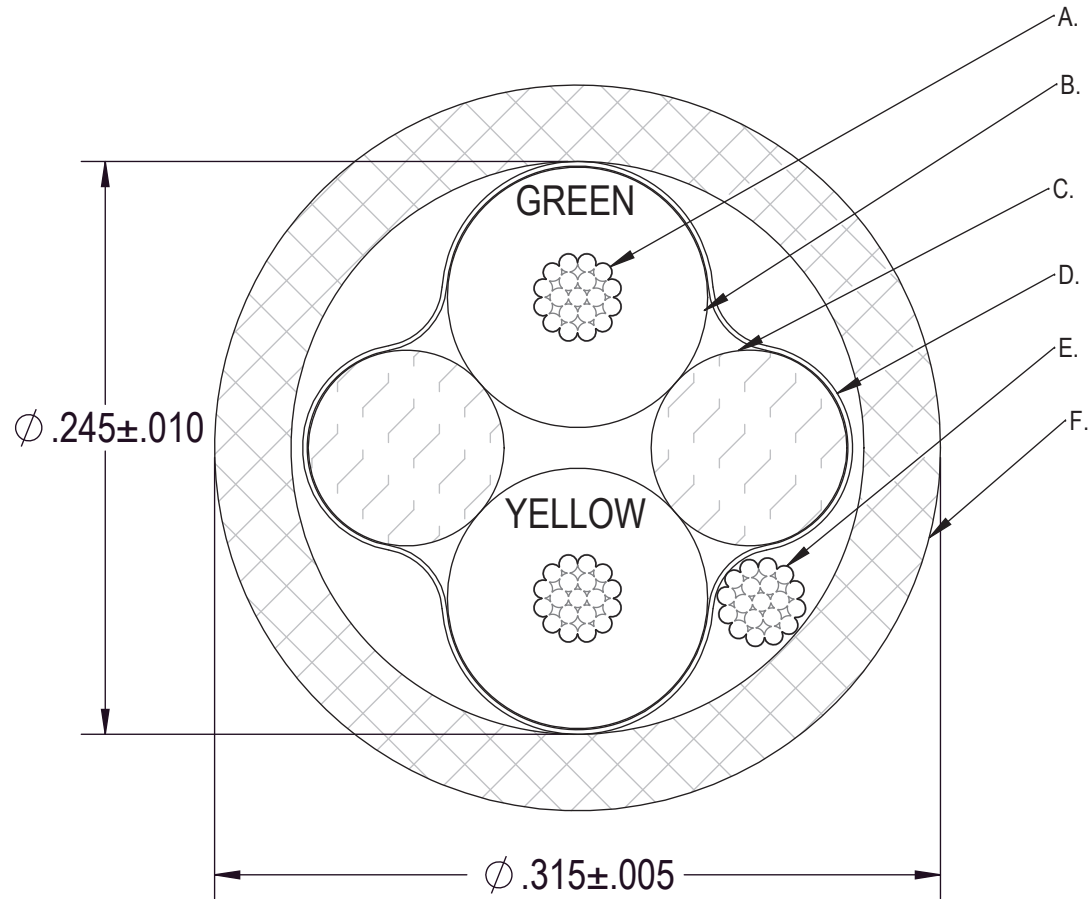
DRAWN BY: KJ RECTOR

DATE: 8/8/2003

REV: K

CORE DIMENSIONS FOR INTERNAL USE ONLY

ITEM	SPECIFICATIONS
A.	20 AWG 19x32 BC
B.	34 MILS FOAMED XLPE INSULATION 125C 28 MILS MIN. FOAMED XLPE INSULATION 300V OD $\phi .113 \pm .003$
C.	OLEFIN FILLER RODS - NOMINAL OD $\phi .085$ "
D.	ALUMINUM MYLAR SHIELD (DUO FOIL)
E.	20 AWG 19x32 BC DRAIN WIRE
F.	30 MILS TUBED TPR JACKET 105C 300V 24 MILS MIN TUBED TPR JACKET COLOR: BLACK
NO AGENCY APPROVALS	
MEETS REQUIREMENTS OF SAE J1939	



ISOMETRIC VIEW FOR REFERENCE ONLY

LEGEND SPECIFICATIONS

WHITE INK PRINT WI: NORTHWIRE INC. DataCELL(R) TF 20 AWG 2C

WHITE INK PRINT NM: NORTHWIRE INC. DataCELL(R) TF 20 AWG 2C (02)



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DESCRIPTION: 20/2 DATACELL J1939TF		UNITS: IN	SCALE: 60:1	ELECTRICAL REQUIREMENTS
CUSTOMER:	NWI P/N: FJ1939202-001, 001N	DWG NO: 2002C019		IMPEDANCE (NOMINAL): 120 OHMS CAPACITANCE/BALANCED (NOMINAL): 38.4 pF/METER CAPACITANCE/TO SHIELD (NOMINAL): 80 pF/METER
CUSTOMER P/N:	DRAWN BY: KJ RECTOR	DATE: 8/8/2003	REV: K	



MECHANICAL REQUIREMENTS
NONE SPECIFIED

MODIFIED (R) ON LEGEND	K	08-19-18	CMM
UPDATED TO SW FORMAT, MODIFIED LEGENDS	J	6-24-2018	CMM
ADDED SANTA TERESA LEGEND	I	1/5/12	DPL
REDUCED INNER WALL THICKNESS FRM 36	H	02/21/11	KJR
ADD NM PART NUMBER	G	01/14/11	GES
CORE OD WAS .240 ± .005", JACKET WALL WAS 35/30 MILS	F	9/17/07	DPL
REMOVED J1939 FROM LEGEND	E	7/13/05	KJR
CHG FRM 19X.0073" TC DRAIN	D	04/08/05	KJR
CHG FRM 19X.0073" TC	D	10/28/04	KJR
CHANGED FILLER RODS FRM .100", CHANGED INSULATED CONDUCTOR OD FRM .115"	C	1/16/04	KJR
CHANGED FILLER RODS FRM .050"	B	11/18/03	KJR
INITIAL RELEASE	A	8/08/03	KJR
REVISION RECORD	REV.	REV DATE	APR

REVISIONS