



DESC: 20/2 DATACELL 1939TF

DWG NO: 2002C019.dwg

ITEM SPECS.

SCALE: 15x

DATE: 08/08/03

DR. BY: KJ RECTOR

NWI NO: FJ1939202-001
FJ1939202-001N

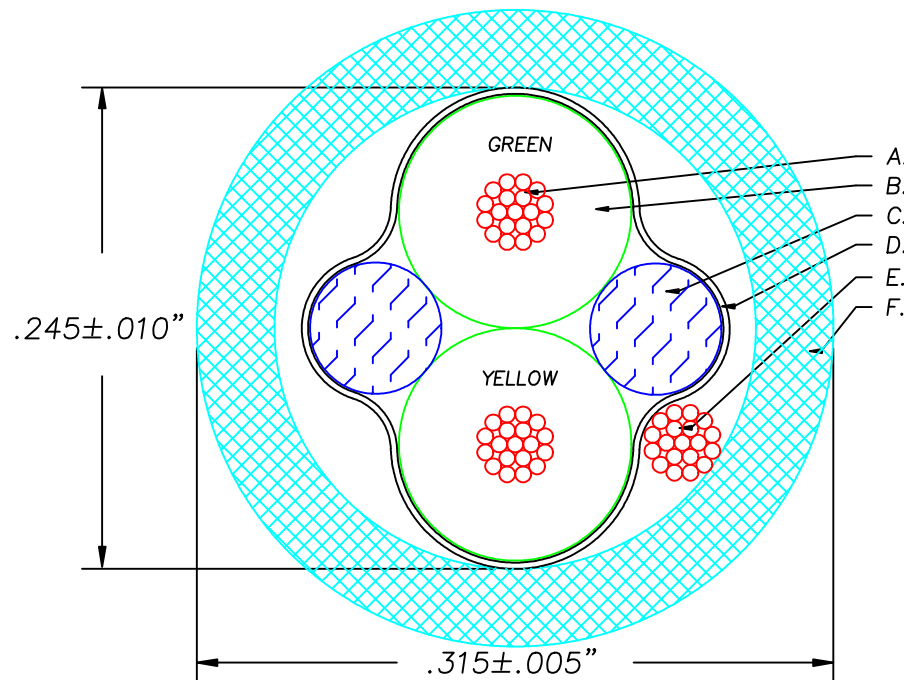
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- A. 20 AWG 19X32BC
- B. 34 MIL FOAMED XLPE INSULATION 125°C
28 MIL MIN FOAMED XLPE INSULATION 300V
O.D. .113±.003"
- C. OLEFIN FILLER RODS NOMINAL OD .085"
- D. ALUMINUM MYLAR SHIELD (DUO FOIL)
- E. 20 AWG 19X32BC DRAIN WIRE
- F. 30 MIL TUBED TPR JACKET 105°C 300V
24 MIL MIN TUBED TPR JACKET
COLOR BLACK

CABLE IS NOT UL OR CSA RECOGNIZED

MEETS REQUIREMENTS OF SAE J1939



ELECTRICAL REQUIREMENTS:

IMPEDANCE (NOMINAL)	120 Ohms
CAPACITANCE/BALANCED (NOMINAL)	38.4 pF/meter
CAPACITANCE/TO SHIELD (NOMINAL)	80 pF/meter

MECHANICAL REQUIREMENTS:

NONE SPECIFIED

CORE DIMENSIONS FOR INTERNAL USE ONLY

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 O.D. WAS .240±.005"; JACKET WALL WAS 35/30 MILS	F	9/17/07	DPL	
REMOVED J1939 FROM LEGEND	E	07/13/05	KJR	TC
CHG FROM 19X.0073"TC DRAIN	D	04/08/05	KJR	BI
CHG FRM 19X.0073"TC	D	10/28/04	KJR	PKD
CHG FILLER RODS OD FROM .100"	C	01/16/04	KJR	RM
CHG INSULATED CONDUCTOR OD FRM .115				
CHG FILLER RODS OD FRM .050"	B	11/18/03	KJR	RM
INITIAL RELEASE	A	08/08/03	KJR	
REVISION RECORD	REV	REV DATE	APPROVAL	APPROVAL

WHITE INK PRINTED LEGEND TO READ:

Osceola LEGEND: NORTHWIRE INC. DataCELL® TF 20 AWG 2C

Santa Teresa LEGEND: NORTHWIRE INC. DataCELL® TF 20 AWG 2C (02)

If there is a change in construction a new part number needs to be created instead of revising this part. For example: strandina change would require a new part number.