NORTHWIRE INC	DESC: *20/2 DATACELL 1939TF*	DWG NO: *2002C019.dwg*	
	SCALE: **15x**	DATE: *08/08/03*	DR. BY: *KJ RECTOR*	NWI NO: *FJ1939202–001* / *FJ1939202–001N*

ITEM	SPECS.
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 REQUIRMENTS OF SAE J1939

.245±.010"

.315±.005"

GREEN

YELLOW

A.
B.
C.
D.
E.
F.
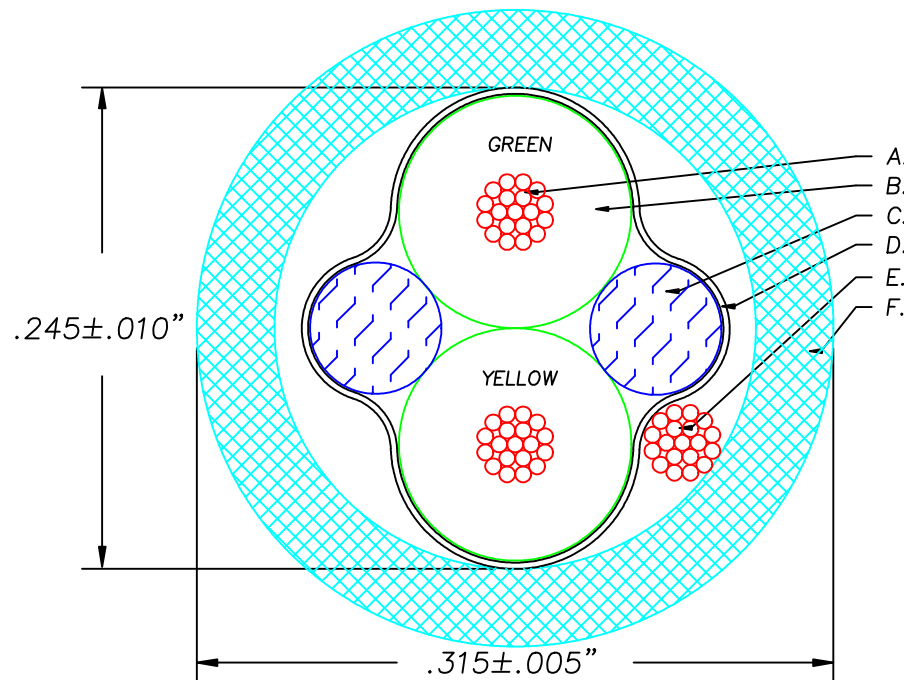
ELECTRICAL REQUIREMENTS:

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

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)

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" CHG INSULATED CONDUCTOR OD FRM .115	C	01/16/04	KJR	RM
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

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