



DESC: 18/2 J1939/11 TYPE CABLE
 SCALE: 15x DATE: 07/13/06 DR. BY: C MORTON

DWG NO: FJ1939182-005
 NWI NO: FJ1939182-005
 FJ1939182-005N

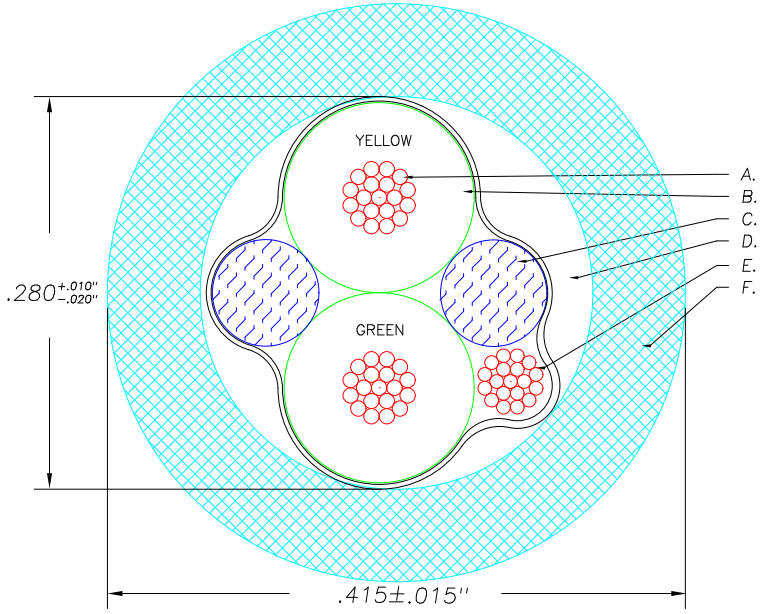
ITEM SPECS.

NORTHWIRE RESTRICTED

This document contains Northwire, Inc. proprietary data, and is not to be copied, reproduced, used or divulged to unauthorized persons, in whole or in part, without proper authorization in writing from Northwire, Inc. This information is the property of Northwire, Inc. which reserves all rights to it.

CUSTOMER: INDUSTRIAL ELECTRIC WIRE & CABLE CUSTOMER P/N: J1939/1802-0-N3

- A. 18 AWG 16X30BC BUNCHED
 - B. 40 MIL NOMINAL FOAMED XLPE INSULATION 125°C
35 MIL MINIMUM FOAMED XLPE INSULATION 300V
OD .128±.003"
 - C. OLEFIN FILLER RODS NOMINAL OD .095"
 - D. ALUMINUM MYLAR SHIELD (FOIL IN)
 - E. 18 AWG 16X30TC DRAIN WIRE
 - F. 50 MIL NOMINAL TUBED TPR JACKET
44 MIL MINIMUM TUBED TPR JACKET
COLOR BLACK
- CABLE IS NOT UL OR CSA RECOGNIZED
 MEETS REQUIREMENTS OF SAE J1939



ELECTRICAL REQUIREMENTS:
 IMPEDANCE: 120 ±10% Ohms
 DCR: 50 mOhm/METER MAXIMUM
 TIME DELAY: 5 ns/METER
 CAPACITANCE: COND TO COND 75 pF/METER MAXIMUM
 COND TO SHIELD 110 pF/METER MAXIMUM

MECHANICAL REQUIREMENTS:
 NONE SPECIFIED

WHITE INK PRINTED LEGEND TO READ:
 WI FACILITY: NORTHWIRE INC. DATACELL 1939TF 18 AWG 2C J1939
 NM FACILITY: NORTHWIRE INC. DATACELL 1939TF 18 AWG 2C J1939 (02)

ADD NM PART NUMBER	F	01/14/11	GES	
CHANGED JACKET TOLERANCE FROM .415 ± .005"	E	2/1/08	KAD	
UPDATED ELECTRICAL REQUIREMENTS	D	6/20/07	DPL	
CORE O.D. WAS .270±.005"	C	5/29/07	DPL	CAR 9003
CAHNGED TO FOIL IN AND DRAIN IN	B	7/17/06	KAD	
INITIAL RELEASE	A	07/13/06	CJM	
REVISION RECORD	REV	REV DATE	APPROVAL	APPROVAL