

DESCRIPTION: 18/2 J1939/11 TYPE CABLE 125C

UNITS: IN

SCALE: 8:1

ITEM

SPECIFICATIONS

CUSTOMER:

NWI P/N: FJ1939182-001, 001N

DWG NO: 1802C023

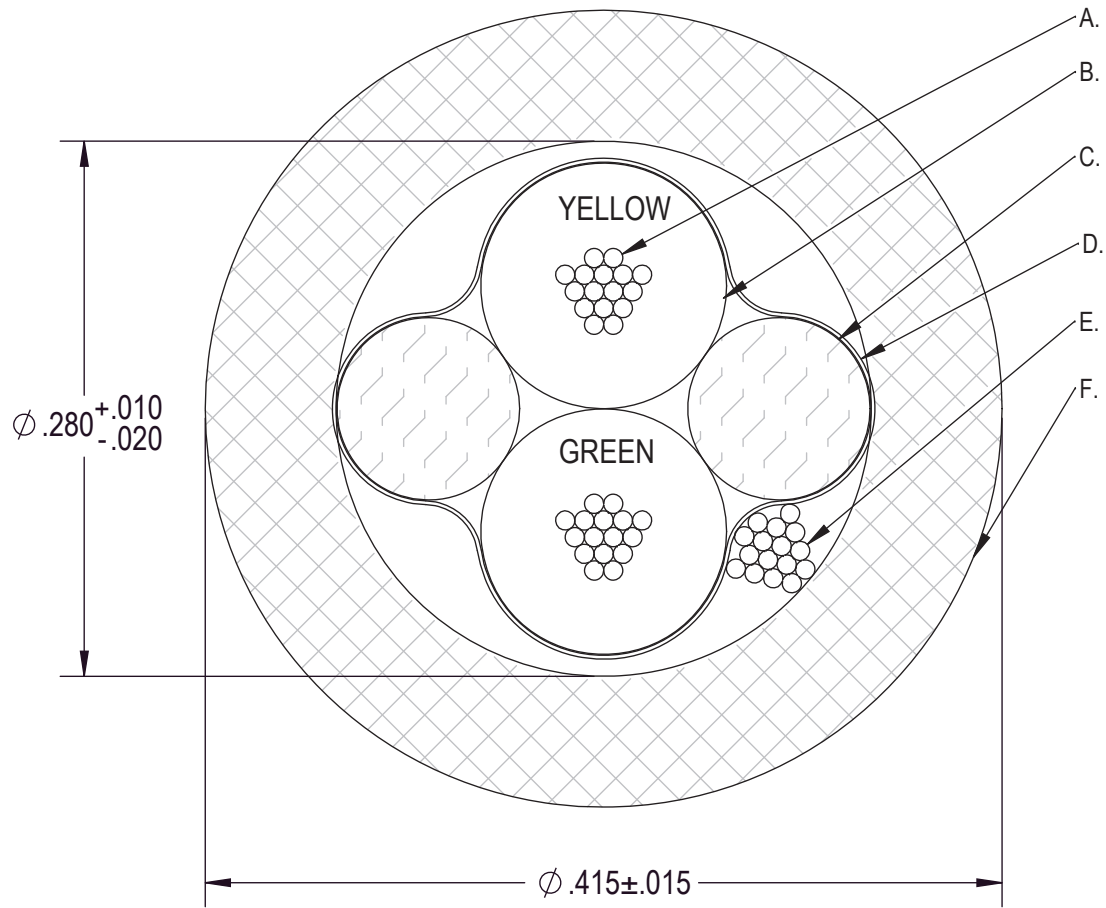
CUSTOMER P/N:

DRAWN BY: KJ RECTOR

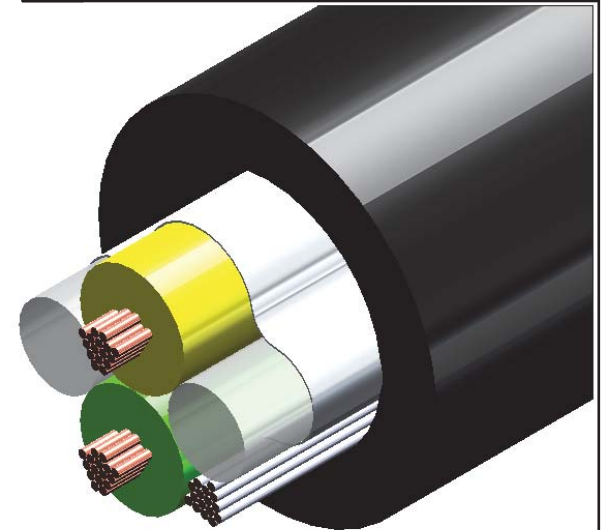
DATE: 8/8/2003

REV: N

CORE DIMENSIONS FOR INTERNAL USE ONLY



- A. 18 AWG 16x30 BC BUNCHED STRANDING
 - B. 40 MILS FOAMED XLPE INSULATION
35 MILS MIN. FOAMED XLPE INSULATION
OD $\phi .128 \pm .003'$
 - C. OLEFIN FILLER RODS - NOMINAL OD $\phi .095''$
 - D. ALUMINUM MYLAR SHIELD (DUO FOIL)
 - E. 18 AWG 16x30 BC DRAIN WIRE
 - F. 50 MILS NOMINAL TUBED TPR JACKET 105C 300V
44 MILS MINIMUM 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 18 AWG 2C

WHITE INK PRINT NM: NORTHWIRE INC. DataCELL(R) TF 18 AWG 2C (02)



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DESCRIPTION: 18/2 J1939/11 TYPE CABLE 125C UNITS: IN SCALE: 60:1 ELECTRICAL REQUIREMENTS

CUSTOMER: NWI P/N: FJ1939182-001, 001N DWG NO: 1802C023 IMPEDANCE: 120 ± 10% OHMS

CUSTOMER P/N: DRAWN BY: KJ RECTOR DATE: 8/8/2003 REV: N DCR: 50 mOhm/METER MAXIMUM

VEL OF PROP: 5ns/METER
CAPACITANCE: COND TO COND 75 pF/METER MAXIMUM
COND TO SHIELD 110 pF/METER MAXIMUM



MECHANICAL REQUIREMENTS

NONE SPECIFIED

MODIFIED (R) ON LEGEND	N	8-19-18	CMM
REDRAWN TO SW FORMAT, CHANGED LEGEND	M	6-23-2018	CMM
ADD N PART NUMBER	L	01/14/11	GES
CORRECTED INNER OD FROM .125"	K	12/18/08	KJR
CHANGED JACKET TOLERANCE FROM .415 ± .005"	J	2/1/08	KAD
UPDATED ELECTRICAL REQUIREMENTS	I	6/20/07	DPL
CORE OD WAS .270 ± .005"	H	5/29/07	DPL
REMOVED 1939 FROM LEGEND	G	7/13/05	KJR
CHANGED TO BARE COPPER DRAIN	F	4/8/05	KJR
CHANGED TO BARE COPPER	E	11/9/04	KJR
FINISHED OD WAS .375	D	2/5/04	KJR
OD OF FILLER WAS .110	C	1/16/04	KJR
OD OF FILLER WAS .070	B	11/18/03	KJR
INITIAL RELEASE	A	8/8/03	KJR
REVISION RECORD	REV.	REV DATE	APR

REVISIONS