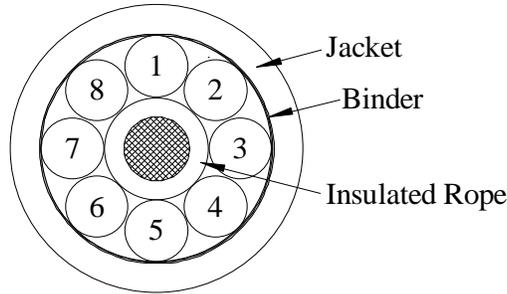


Description: Eight 18 AWG Insulated Conductors
 Synthetic Rope Core
 Overall PUR Jacket

Date: 4/17/2014

JM Part Number: JMC-CEC0818RC
Reference: 119203-001 H5298-547

Cable Diagram



Components Eight 18 AWG Insulated Conductors

Conductor: 18 AWG, 41/34 bare copper, 1" nominal LH Lay
 Insulation: .020" nominal wall of Hytrel® Slipper Applied (see color code) .086"

Cable Construction

Cabling: Core: .028" nominal wall Hytrel Insulated Braided Nylon Rope (3/32") Core Filler .150"
 Layer 1: Eight conductors cabled around Core, 2½ ± ½" LH Lay .322"

Binder: Fleece tape, RH Lay (25% Minimum Overlap)

Jacket: .050" nominal wall of Black PUR [JMPU] .425" ± .010"

Color Code

- | | |
|----------|----------------|
| 1. Black | 5. Orange |
| 2. White | 6. Blue |
| 3. Red | 7. White/Black |
| 4. Green | 8. Red/Black |

Print

CROWN 119203-001 H52598-547 E66440 8/C 18 AWG AWM 21165 80C 300V
 XXXX-XXX-XXXX
 (lot number)

Requirements

Temperature: -40C to 80°C Approvals: UL AWM Style 21165
 Voltage: 300V

Cable is designed for use in a linear or rolling bend motion application where tight bend radii over small diameter pulleys is required.

Jacket properties: Tensile strength: 3000 psi
 Elongation: 450%
 Durometer: 83 (shore A)

Written By:	jrt	4/17/2014	Rev. 0	Initial Issue
Revised By:	jrt	5/15/2014	Rev. 1	PN, Print Legend, Prime/Core/Tape Details, Application Notes
Revised By:	rfa	5/28/2014	Rev. 2	Change Ins thick & OD, Insulated Core, Cable lay & OD, Jkt thick & OD, remove JM# from print, add Jacket tolerance & properties
Revised By:	rfa	5/29/2014	Rev. 3	Add ½" tolerance to cable lay
Revised By:	jrt	7/8/2016	Rev. 4	Change AWM Style