

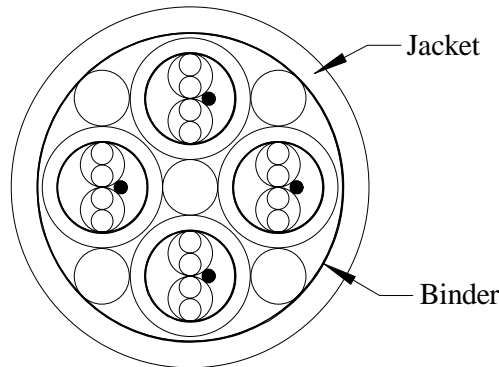
Description: Twenty-One Conductor Composite Cable

Date: 1/8/2009

JM Part Number: JM55729

Reference: TBD

Cable Diagram



Components

Component A: Five 18 AWG Insulated Conductors

Conductors: 18 AWG, 16/30 bare copper
 Insulation: .016" nominal wall of PVC (see color Code) .077"

Colors: Red, Black, Dark Green, Brown, and White

Component B: Four Jacketed 22 AWG Quads (Two Shielded Pairs In Each Quad)

Conductors: 22 AWG, 7/30 tinned copper
 Insulation: .008" nominal wall of Polypropylene
 Pair Twist: Two insulated conductors twisted together
 Foil Shield: Aluminum-Mylar tape, Aluminum side OUT .096" (major axis)
 Cabling: Two shielded pairs cabled together on a common axis
 Drain Wire: 24 AWG, 7/32 tinned copper (common drain wire)
 Binder: Clear Mylar tape
 Jacket: .021" nominal wall of Chrome Gray PVC .169"

Colors: Each Quad will have One Pair (Black and Red) and One Pair (Green and White)

Comp B Jacket Print: Each Quad will be printed with Black Ink, legends to be **AV1** through **AV4**

Overall Cable

Cabling: Core: One A Component
 Layer 1: Four B Components with Four A components in the interstices
 Binder: Clear Mylar tape
 Jacket: .045" nominal wall of Yellow PVC .503"

Print

**E66440 AWM 2919 80C 30V LOW VOLTAGE AWT CERTIFIED
 AVSS BODYBUILDER CABLE - PATENT PENDING**

Requirements

Temperature: -20°C to 80°C
 Voltage: 30V

Approvals: UL AWM Style 2919
 RoHS Compliant

Written By:	rjc	1/8/2009	Rev. 0	Initial Issue
Revised By:	scs	2/18/2009	Rev. 1	Added JM Number; Changed Jacket from Orange to Yellow; Revised Print Legend
Revised By:	scs	11/30/2012	Rev. 2	Added low temperature range
Revised By:				