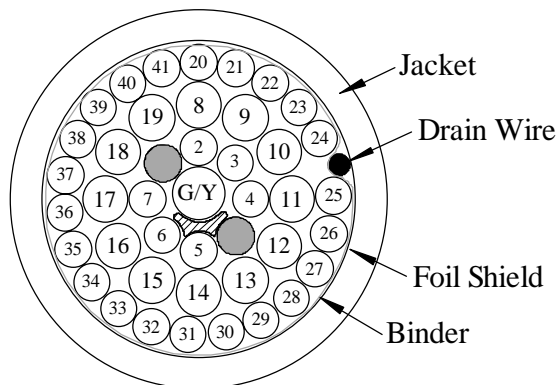


Description: Forty-One Conductor Composite Cable
 Overall Foil Shield and PVC Jacket

Date: 5/24/2013
JM Part Number: JM56918
Reference: TBD

Cable Diagram



Components

Component A: One 16 AWG Insulated Conductor

Conductor:	16 AWG, 26/30 tinned copper	.058"
Insulation:	.016" nominal wall of PVC (See Color Code)	.090"
Jacket:	.005 nominal wall of Clear Nylon	.100"

Component B: Twelve 18 AWG Insulated Conductors

Conductor:	18 AWG, 16/30 tinned copper	.045"
Insulation:	.016" nominal wall of PVC (See Color Code)	.077"
Jacket:	.005 nominal wall of Clear Nylon	.087"

Component C: Twenty-Eight 22 AWG Insulated Conductors

Conductor:	22 AWG, 7/30 tinned copper	.030"
Insulation:	.016" nominal wall of PVC (See Color Code)	.062"
Jacket:	.005 nominal wall of Clear Nylon	.072"

Cable Construction

Cabling:	Core: One A Component and FRPP filler	
	Layer 1: Six C Components and Two FR fibrillated fillers	
	Layer 2: Twelve B Components	
	Layer 3: Twenty-Two C Components	
Binder:	Fleece tape	.601"
Drain Wire:	16 AWG, 26/30 tinned copper	
Shield:	Aluminum-Mylar tape, Aluminum side IN	.604"
Jacket:	.063" nominal wall of Flexible Black PVC	.730"

Print **JAMES MONROE W & C JM56918 1/C 16 AWG & 12/C 18AWG & 28/C 22 AWG SHIELDED**
(UL) MTW 600V --- LL41103 CSA AWM I/II A/B 90C 600V FT1 (MM/YYYY of mfg)
Note: Sequential footage markings included

Color Code

Component A:	G/Y: Green/Yellow and Unprinted
Component B:	8 thru 19: Black and numerically printed 8 thru 19
Component C:	2 thru 7: Black and numerically printed 2 thru 7
	20 thru 41: Black and numerically printed 20 thru 41

Requirements

Temperature: 90°C (AWM)
 Voltage: 600V

Approvals: UL MTW
 CSA AWM, FT1

Written By:	rjc	5/24/2013	Rev. 0	Initial Issue
Revised By:	scs	10/3/2013	Rev. 1	Removed Reference Number
Revised By:				
Revised By:				