JAMES MONROE WIRE AND CABLE CORPORATION

GENERAL PRODUCT SPECIFICATION
Phone 800-316-8877 Fax 978-368-1275
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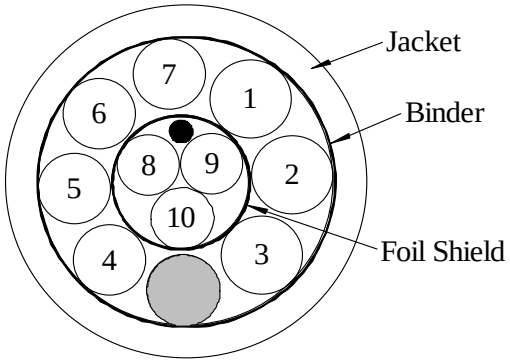
Description: Ten Conductor Composite Cable
Overall Foil Shield, Braid Shield
and PVC Jacket

Date: 5/10/12

JM Part Number: JM56508
Reference: 77-4231

Cable Diagram



Components

Component A:	Three 12 AWG Insulated Conductors	
Conductor:	12 AWG, 19/.0185 bare copper	
Insulation:	.032" nominal wall of PVC (see color code)	.154"
Component B:	Four 14 AWG Insulated Conductors	
Conductor:	14 AWG, 19/.0147 bare copper	
Insulation:	.032" nominal wall of PVC (see color code)	.134"
Component C:	One Shielded 16 AWG Triad	
Conductor:	16 AWG, 19/.0117 bare copper	
Insulation:	.032" nominal wall of PVC (see color code)	.120"
Triad:	Three conductors cabled together	
Triad Drain Wire:	18 AWG, 16/30 tinned copper	
Triad Shield:	Aluminum-Mylar tape, Aluminum side IN	.261"

Overall Cable Construction

Cabling:	Core: Component C	
	Layer 1: Three A Components and Four B Components	
Overall Binder:	Fleece Tape	
Jacket:	.060" nominal wall of Black PVC	.665" ± .030"

Print

E66440 3/C 12 AWG + 4/C 14 AWG + 3/C 16 AWG AWM 2653 90C 600V - - -
LL41103 CSA AWM I/II A/B 90C 600V FT1 --- SUNLIGHT RESISTANT

Color Code

Component A:	1. Black	2. White	3. Green	
Component B:	4. Black	5. White	6. Red	7. Orange
Component C:	8. Yellow	9. Green	10. Violet	

Requirements

Temperature: 90°C
Voltage: 600V

Approvals: UL AWM Style 2653
CSA, AWM, FT1

Written By:	rjc	5/10/2012	Rev. 0	Initial Issue
Revised By:	scs	5/17/2012	Rev. 1	Rmv Shield to Fleece, Chg PU to PVC Jacket, Add Sunlight Resistant to print legend
Revised By:				
Revised By:				