JAMES MONROE WIRE AND CABLE CORPORATION

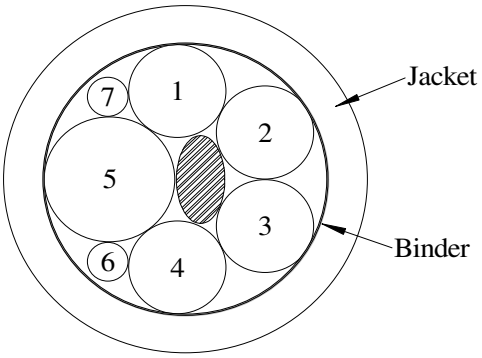
GENERAL PRODUCT SPECIFICATION
Phone 800-316-8877 Fax 978-368-1275
www.jamesmonroewire.com

Description: Seven Conductor Composite Cable
Overall TPE Jacket
Outdoor Rated
105℃ 600V

Date: 6/11/2014

JM Part Number: JM57186
Reference: 1021952-01-B

CableDiagram



Components

		Max Resistance Ω/1,000ft (20℃)	OD
Component A:	Four 13 AWG Insulated Conductors		
Conductor:	13 AWG, 52/30 bare copper	2.06Ω	
Insulation:	.035" nominal wall of TPE (See Color Code)		.152"
Component B:	One 10 AWG Insulated Conductor		
Conductor:	10 AWG, 105/30 bare copper	1.03Ω	
Insulation:	.035" nominal wall of TPE (See Color Code)		.204"
Component C:	Two 22 AWG Insulated Conductors		
Conductor:	22 AWG, 19/34 bare copper	14.31Ω	
Insulation:	.017" nominal wall of TPE (See Color Code)		.064"

Cable Construction

Cabling:	Four A Components, One B Component, and Two C Components cabled together with FRPP Fillers as necessary for roundness	
Binder:	Fleece tape	
Jacket:	.066" nominal wall of pressure extruded Matte Black TPE	.567" + .012" / -.010" (Critical Tolerance)

Print

Unprinted

Color Code

Component A: 1. Gray 2. Black 3. Brown 4. Green/Yellow
Component B: 5. Blue (printed with Lot# for traceability)
Component C: 6. Purple 7. Light Blue

Requirements

Temperature: 105℃
Voltage: 600V

Cable Attributes:
Very Flexible Cable
Insulation and Jacket Materials Suitable for UL SEOW / EVE
Bend Radius: 6x Cable Diameter, Min.
Jacket Brittle Point: -48℃

Written By:	rfa	6/11/2014	Rev. 0	Initial Issue for -B revision
Revised By:				
Revised By:				
Revised By:				