

**Description:** Six Conductor Composite Cable  
 Two 10 AWG Singles, Two 12 AWG Singles,  
 and Two 18 AWG Singles, overall Foil Shield  
 with a PVC Jacket

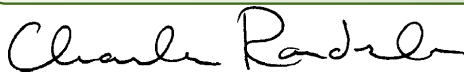
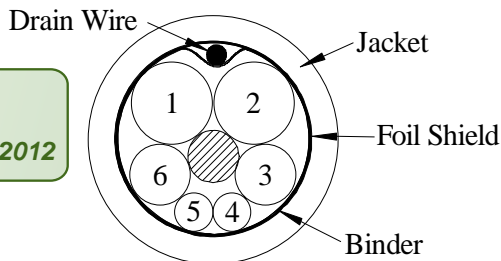
**Date:** 12/15/2011

**JM Part Number:** JM56510  
**Reference:** 77-4017

**Cable Diagram**

**APPROVED**

By Chuck Roudeski at 11:42 am, Jan 30, 2012

<b>Component A</b>	Two 10 AWG Insulated Conductors	
Conductor:	10 AWG, 105/30 tinned copper	
Insulation:	.021" nominal wall of PVC (see color code)	
Jacket:	.005" nominal wall of Clear Nylon	.186"
<b>Component B</b>	Two 12 AWG Insulated Conductors	
Conductor:	12 AWG, 65/30 tinned copper	
Insulation:	.016" nominal wall of PVC (see color code)	
Jacket:	.005" nominal wall of Clear Nylon	.138"
<b>Component C</b>	Two 18 AWG Insulated Conductors	
Conductor:	18 AWG, 16/30 tinned copper	
Insulation:	.016" nominal wall of PVC (see color code)	
Jacket:	.005" nominal wall of Clear Nylon	.087"

**Cable Construction**

Cabling:	Core: Fibrillated Polypropylene Filler	
	Layer 1: Two A Components, Two B Components, and Two C Components cabled around core filler	
Binder:	Clear Mylar tape	
Drain Wire:	18 AWG, 16/30 tinned copper	
Foil Shield:	Aluminum-Mylar tape, Aluminum side IN - 100% Coverage	
Jacket:	.075" nominal wall of Black PVC	.565" ± .030"

**Color Code**

Component A:	1. Red: 10 AWG	Component C:	4. Gray: 18 AWG
	2. Brown: 10 AWG		5. White: 18 AWG
Component B:	3. Blue: 12 AWG		
	6. Black: 12 AWG		

**Print**

**E73202 2C 10 AWG + 2C 12 AWG + 2C 18 AWG SHIELDED (UL) TYPE TC-ER 90C DRY  
 75C WET 600V SUN RES DIR BUR NEC336 --- LL41103 CSA AWM I/II A/B 90C 600V  
 FT4 HUGHEY & PHILLIPS P/N 77-4017**

**Requirements**

Temperature:	90°C	Approvals:	UL TYPE TC-ER
Voltage:	600V		CSA AWM, FT4
			Sunlight Resistant
			Direct Burial
			NEC Article 336 Compliant

Revised By:	rjc	12/15/2011	Rev. 0	Initial Issue
Revised By:	scs	12/29/2011	Rev. 1	Change Component C from bare to tinned copper
Revised By:	rjc	1/4/2012	Rev. 2	Added "DIR BUR", "NEC336", and "HUGHEY & PHILLIPS P/N 77-4017" to print
Revised By:	scs	1/9/2012	Rev. 3	Added 100% Coverage to foil shield information