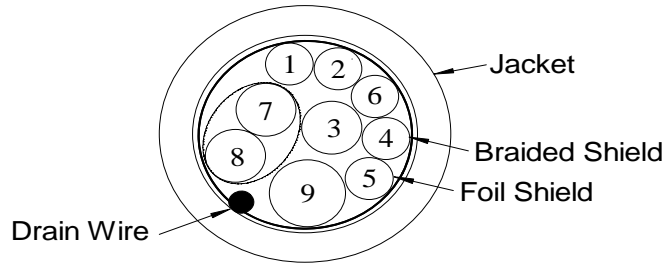


**Description:** Nine Conductor Composite Tray Cable,  
 PVC Nylon & XLPE Insulation, Overall Foil & Drain,  
 Braided Shield and Overall PVC Jacket

**Date:** 7/30/2015

**JM Part Number:** JM57521  
**Reference:**

**Requirements**



**Components**

- Component A: Five 18 AWG Insulated Conductors  
 Conductor: 18 AWG, 16/30 bare copper  
 Insulation: .016 PVC; .005 Nylon .087"
- Component B: One 18 AWG Twisted Pair  
 Conductor: 18 AWG, 16/30 bare copper  
 Insulation: .031 XLPE Insulation .109  
 Pair: Two 18 AWG conductors twisted together .218" (major axis)
- Component C: One 12 AWG insulated conductor  
 Conductor: 12 AWG, 65/30 bare copper  
 Insulation: .016 PVC; .005 Nylon
- Component D: One 18 AWG XLPE Insulated Conductor  
 Conductor: 18 AWG, 16/30 bare copper  
 Insulation: .031 XLPE Insulation .109"

**Overall Cable Construction**

- Cabling: Five A Components, One B Component, One C Component and One D Component (FRPP Fillers as necessary to produce a round cable)
- Separator: Non-Woven Fleece Binder
- Shield: M/A Foil Shield (Foil Out) + 18 AWG, 16/30 tinned copper drain wire
- Shield/Barrier: 36 TCBS 70% Coverage
- Jacket: .060" nominal wall of Black PVC .525"

**Print**

**E73202 6/C 18 AWG (.824MM2) + 1/PR 18 AWG (.824MM2) + 1/C 12 AWG (3.31MM2)**  
**(UL) TYPE TC-ER 90C DRY 75C WET 600V SUN RES DIR BUR OIL RES II UL 1277 OR**  
**c(UL) CIC-TC FT4 --- LL41103 CSA AWM I/II A/B 90C 600V FT4 --- CE ROHS**

**Color Code**

- Component A: 1. Red 2. Blue 4. Orange 5. Brown 6. Pink
- Component B: Pair: 7. White 8. Black
- Component C: 9. Gray
- Component D: 3. Purple

**Requirements**

- Temperature: 90°C / 105°C Approvals: UL Type TC-ER
- Voltage: 600V c(UL) Type CIC-TC FT4
- Capacitance UL AWM 2586
- (3) Purple: 15pF/ft (49.2pF/m) Approximate CSA AWM FT4
- (7+8)Pair: 10.5pF/ft (32.8pF/m) CE-LVD and RoHS Compliant (2011/65/EU)

Written By:	j.thomas	7/30/2015	Rev. 0	Initial Issue