

**Description:** Nine Conductor Composite Cable  
 Overall Braid Shield and PVC Jacket

**Date:** 10/26/2009

**JM Part Number:** TBD

**Reference:** TBD

**Components**

**Component A:** Four 30 AWG Twisted Pairs, Individual Conductors, Type ET

Conductor: 30 AWG, 7/38 silver plated copper  
 Insulation: .006" nominal wall of PTFE (see color code) .024"  
 Pair Twist: Two insulated conductors twisted together .048" (major axis)

**Component B:** One 30 AWG Insulated Conductor, Type ET

Conductor: 30 AWG, 7/38 silver plated copper  
 Insulation: .006" nominal wall of PTFE (see color code) .024"

**Overall Cable Construction**

Cabling: Four A Components and One B component cabled together  
 Shield: 38 AWG tinned copper braid, 95% coverage (7 ends, 16 carriers)  
 Jacket: .015" nominal wall of Gray PVC .150" ± .010"

**Print**

**Unprinted**

**Color Code**

Comp A: Pair 1: Brown and Red  
 Pair 2: Orange and Yellow  
 Pair 3: Green and Blue  
 Pair 4: Violet and Gray

Comp B: White

**Requirements**

Individual Conductors: 200C, 250 Volts (per M16878, Type ET)  
 Overall Jacket: 105C

Written By:	rjc	10/26/2009	Rev. 0	Initial Issue
Revised By:	scs	11/3/2009	Rev. 1	Revised Jacket Compound Description and AWG size of Braid
Revised By:	rjc	11/5/2009	Rev. 2	Added number of ends and carriers for overall shield
Revised By:	scs	11/11/2009	Rev. 3	Revised Braid Coverage