



**Description:** Six Conductor Composite Cable  
 Overall Polyurethane Jacket

**Date:** 10/9/2009

**JM Part Number:** JM55871

**Reference:** 1606C009

**Components**

**Component A:** One 20 AWG Shielded Pair

Conductor: 20 AWG, 19/32 tinned copper  
 Insulation: .050" nominal wall of Foamed Polyethylene (see color code) .139"  
 Pair Twist: Two insulated conductors twisted together  
 Binder: Clear Mylar tape  
 Shield: 36 AWG tinned copper braid, 85% coverage .300" (major axis)

**Component B:** Four 16 AWG Conductors

Conductor: 16 AWG, 65/34 bare copper  
 Insulation: .016" nominal wall of Cross-Linked Polyethylene (see color code) .095"

**Cable Construction**

Cabling: Components A and B cabled together with FR PP fillers as needed  
 Binder: Opaque Mylar tape  
 Jacket: .047" nominal wall of Violet Polyurethane .455" ± .010"

**Print**

**ENERFLOW PROFIBUS**

**Color Code**

**Component A:** 1. Red and Green

**Component B:** 1. Black 3. Blue  
 2. Orange 4. White

**Requirements**

Temperature: 80C  
 Voltage: 300V

Approvals: None Applicable

Written By:	rjc	10/9/2009	Rev. 0	Initial Issue
Revised By:	scs	10/30/2009	Rev. 1	Chg Comp A from 18AWG to 20AWG, Rev OD's throughout, Add JM and Ref #'s
Revised By:	scs	11/12/2009	Rev. 2	Changed Jacket Color from Black to Violet and added Print Legend
Revised By:				