

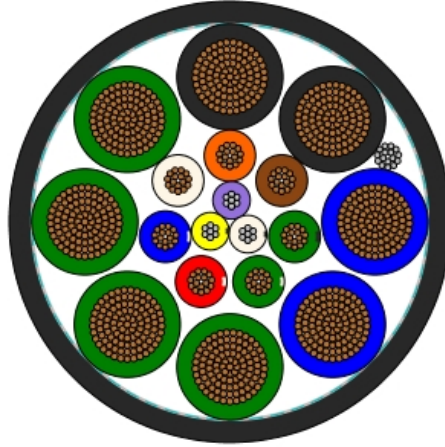
**Description:** Eighteen Conductor Composite Cable,  
 Overall Tape Shield,  
 PVC Jacket

**Create Date:** 03/27/2024

**JM Part No:** TBD

**Reference:**

**Cable Diagram**



**Components**

Nom OD

**Component A:** Three 22 AWG, PVC Insulated Conductors

Conductor: 22 AWG, 7/30 tinned copper

Insulation: .016" nominal wall of PVC (see color code)

.062"

**Component B:** Seven 18 AWG, PVC Insulated Conductors

Conductor: 18 AWG, 16/30 bare copper

Insulation: .020" nominal wall of PVC (see color code)

.085"

**Component C:** Eight 10 AWG, PVC Insulated Conductors

Conductor: 10 AWG, 105/30 bare copper

Insulation: .025" nominal wall of PVC (see color code)

.175"

**Overall Cable Construction**

Cabling: Three A, Seven B and Eight C cabled together with FRPP fillers

Drain Wire: 18 AWG, 16/30 tinned copper

Tape Shield: Aluminum/Mylar tape, Foil In

Jacket: .035" nominal wall of Black PVC

.756"

**Print** White Inkjet

E66440 3/C 22 AWG + 7/C 18 AWG + 8/C 10 AWG RU AWM 2586 105C 600V VW-1

**Color Code**

**Component A**

1. Purple
2. White/Black
3. Yellow/Black

**Component B**

1. Orange
2. Brown
3. Green/Black
4. Green/White
5. Red/White
6. Blue/White
7. White

**Component C**

1. Black
2. Black
3. Blue
4. Blue
5. Green
6. Green
7. Green
8. Green



**Description:** Eighteen Conductor Composite Cable,  
Overall Tape Shield,  
PVC Jacket

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**Requirements**

Temperature: 105°C  
Voltage: 600 V  
Cable Weight: 459 lbs/Mft  
Copper Weight: 312 lbs/Mft

Approvals:  
AWM 2586  
Materials are RoHS 3 Compliant  
(2011/65/EU & EU 2015/863)

Written By:	ka/ba	03/27/2024	Rev. 0	Initial Issue
Revised By:				
Revised By:				
Revised By:				