

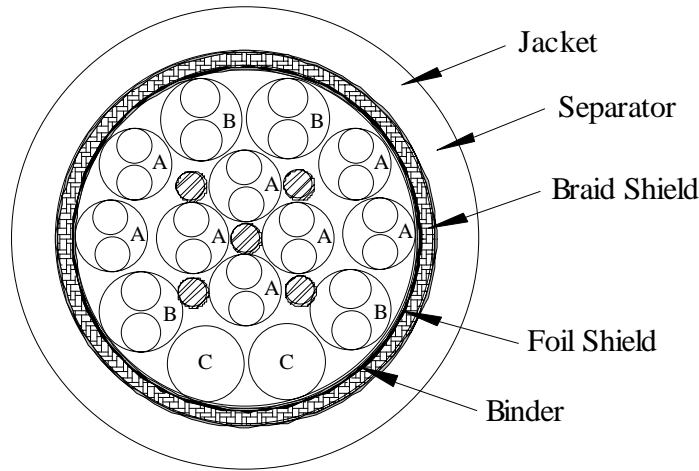
Description: Twenty-Six Conductor Composite Cable
 Overall Foil Shield, Braid Shield
 and TPE Jacket

Date: 10/25/2013

JM Part Number: TBD
Reference: PS374513-05

Cable Diagram

Location of Components and Fillers may vary from Cable Diagram.



Components

Component A: Eight 24 AWG Twisted Pairs

Conductor: 24 AWG, 19/36 tinned copper
 Insulation: .010" nominal wall of Semi-Rigid PVC (see color code) .044"
 Pair Twist: Two 24 AWG conductors twisted together, LH Lay

Component B: Four 22 AWG Twisted Pairs

Conductor: 22 AWG, 19/34 tinned copper
 Insulation: .010" nominal wall of Semi-Rigid PVC (see color code) .050"
 Pair Twist: Two 22 AWG conductors twisted together, LH Lay

Component C: Two 16 AWG Conductors

Conductor: 16 AWG, 19/.0117 tinned copper
 Insulation: .010" nominal wall of Semi-Rigid PVC (see color code) .076"

Cable Construction

Cabling: Eight A components, Four B components, and Two C Components cabled together with fillers as necessary for roundness
 Binder: Fleece tape
 Foil Shield: Aluminum-Mylar tape, Aluminum side OUT
 Braid Shield: 34 AWG tinned copper braid, 95% coverage
 Separator: Tissue tape
 Jacket: .043" nominal wall of Pressured Black TPE .455" (.465" Max)

Print

E138031 8TP/24 + 4TP/22 + 2C/16 75C (UL) TYPE CM OR AWM 20327 105C 300V
--- CSA AWM I/II A/B 105C 300V FT4 --- CE ROHS

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Revised By:	rjc	10/25/2013	Rev. 0	Initial Issue
Revised By:	rjc	11/8/2013	Rev. 1	Changed conductor marking from Bands to Stripes
Revised By:				
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Color Code **Stripes on all applicable conductors**

Component A: Pair 1: White/Blue and Blue/White
Pair 2: White/Orange and Orange/White
Pair 3: White/Green and Green/White
Pair 4: White/Brown and Brown/White

Pair 5: Black and Brown
Pair 6: Red and Orange
Pair 7: Yellow and Green
Pair 8: Blue and Violet

Component B: Pair 1: Gray and White
Pair 2: Yellow/Black and Yellow/Brown

Pair 3: Yellow/Red and Yellow/Orange
Pair 4: Yellow/Green and Yellow/Blue

Component C: 1. Red/Blue
2. Red/Black

Requirements

Temperature: 75C (UL Type CM)
105C (CSA & AWM 20327)

Voltage: 300V

Approvals: UL Type CM
UL AWM Style 20327
CSA AWM
CE-LVD and RoHS Compliant
(2011/65/EU)

Conductor DCR: 24.9 Ohms/1000 FT (Component A)
15.5 Ohms/1000 FT (Component B)
4.4 Ohms/1000 FT (Component C)