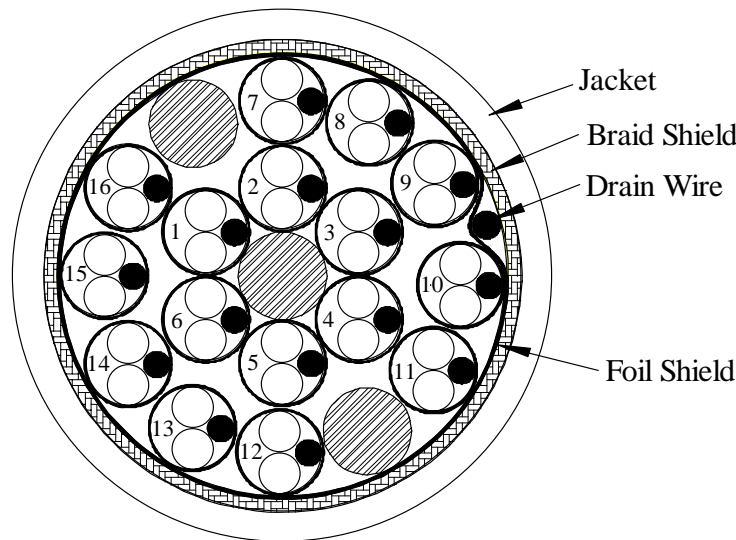


Description: Sixteen 20 AWG Shielded Pairs,
 Overall Foil Shield, Braid Shield
 and Low Smoke-Zero Halogen Jacket

Date: 3/20/2013

JM Part Number: JM56880
Reference: CC2016ISOS

Cable Diagram



Components

Sixteen 20 AWG Shielded Pairs

Conductor: 20 AWG, 7/28 tinned copper
 Insulation: .010" nominal wall of Low Smoke-Zero Halogen (see color code) .058"

Pair Twist: Two 20 AWG singles twisted together

Pair Drain Wire: 20 AWG, 7/28 tinned copper

Pair Shield: Aluminum-Mylar tape, Foil Free Edge, Aluminum side IN .120" (major axis)

Overall Cable Construction

Cabling: Sixteen Pairs cabled together with FR PP Fillers as needed

Foil Shield: Aluminum-Mylar tape, Aluminum side OUT

Drain Wire: 20 AWG, 7/28 tinned copper

Braid Shield: 36 AWG tinned copper braid, 85% coverage

Jacket: .035" nominal wall of Black Low Smoke-Zero Halogen .610"

Print

JM16PR20LSZH

Color Code

- | | | |
|---------------------|---------------------|---------------------|
| 1. Black and Red | 7. Black and Orange | 12. Red and Brown |
| 2. Black and White | 8. Red and Green | 13. Red and Orange |
| 3. Black and Green | 9. Red and White | 14. Green and Blue |
| 4. Black and Blue | 10. Red and Blue | 15. Green and White |
| 5. Black and Brown | 11. Red and Yellow | 16. Green and Brown |
| 6. Black and Yellow | | |

Requirements

Temperature: -40C to 90C
 Voltage: 300V

Approvals: Not Applicable

Written By:	rjc	3/20/2013	Rev. 0	Initial Issue
Revised By:	scs	3/20/2013	Rev. 1	Added -40C to temperature range
Revised By:	scs	3/20/2013	Rev. 2	Revised AWG size and stranding on pair twist and drain wire
Revised By:	scs	4/15/2013	Rev. 3	Added JM and Reference Numbers
Revised By:	rjc	5/24/2013	Rev. 4	Added cross-sectional drawing & legend