

Description: Seventy-Four Conductor Composite
 Cable-with-Overall-Nylon-Binder
 No Jacket

Date: 12/14/2012

 JM Part Number: JM56776
 Reference: T74CBUL-1429/1007

Page 1 of 3

Components
Component A: Six Groups With Two 20 AWG Pairs, Three 22 AWG Pairs and One 18 AWG Conductor

Two 20 AWG Twisted Pairs

 Conductor: 20 AWG, 19 TC, UL AWM Style 1429 (see color code) .059"
 Pair Twist: Two conductors twisted together at 1" Lay .118" (major axis)

Three 22 AWG Twisted Pairs

 Conductor: 22 AWG, 19 TC, UL AWM Style 1429 (see color code) .050"
 Pair Twist: Two conductors twisted together at 1" Lay .100" (major axis)

One 18 AWG Insulated Conductor (UL AWM Style 1007)

 Conductor: 18 AWG, 16/30 tinned copper .045"
 Insulation: .016" nominal wall of PVC (see color code) .077"

 Group Cabling: Two 20 AWG Pairs, Three 22 AWG Pairs, and
 One 18 AWG single conductor cabled together

Binder: Nylon wrap .308"

Component B: One Group With Five 18 AWG Insulated Conductors ((UL AWM Style 1007)

 Conductor: 18 AWG, 16/30 tinned copper .045"
 Insulation: .016" nominal wall of PVC (see color code) .077"

Group Cabling: Five 18 AWG single conductors cabled together

Binder: Nylon wrap .203"

Component C: One 20 AWG Twisted Pair

 Conductor: 20 AWG, 19 TC, UL AWM Style 1429 (see color code) .059"
 Pair Twist: Two conductors twisted together at 1" Lay .118" (major axis)

Component D: One 14 AWG Insulated Single (UL AWM Style 1015)

 Conductor: 14 AWG, 41/30 tinned copper .078"
 Insulation: .032" nominal wall of PVC (see color code) .142"

Overall Cable Construction

 Cabling: Six A Components, One B Component, One C Component, and
 One D Component cabled together at 12" Lay, no fillers

Binder: Nylon wrap .762"

Print

None

(continued on page -2-)

Written By:	rjc	12/14/2012	Rev. 0	Initial Issue
Revised By:				
Revised By:				
Revised By:				

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Page 2 of 3

Color Code (See Cable Diagram For Placement)
Component A: Six Composite Groups (Each Group will be color coded as follows)

Group 1:	Pair 1 (20 AWG): Black/Pink and Red/Black	Pair 4 (22 AWG): Black/Pink and Red/Green
	Pair 2 (20 AWG): Black/Pink and Red/White	Pair 5 (22 AWG): Black/Pink and Red/Blue
	Pair 3 (22 AWG): Black/Pink and Red/Orange	
	6: Green/Yellow integral stripe and Pink spiral ink stripe	
Group 2:	Pair 1 (20 AWG): Black/Red and Red/Black	Pair 4 (22 AWG): Black/Red and Red/Green
	Pair 2 (20 AWG): Black/Red and Red/White	Pair 5 (22 AWG): Black/Red and Red/Blue
	Pair 3 (22 AWG): Black/Red and Red/Orange	
	6: Green/Yellow integral stripe and Red spiral ink stripe	
Group 3:	Pair 1 (20 AWG): Black/Orange and Red/Black	Pair 4 (22 AWG): Black/Orange and Red/Green
	Pair 2 (20 AWG): Black/Orange and Red/White	Pair 5 (22 AWG): Black/Orange and Red/Blue
	Pair 3 (22 AWG): Black/Orange and Red/Orange	
	6: Green/Yellow integral stripe and Orange spiral ink stripe	
Group 4:	Pair 1 (20 AWG): Black/Yellow and Red/Black	Pair 4 (22 AWG): Black/Yellow and Red/Green
	Pair 2 (20 AWG): Black/Yellow and Red/White	Pair 5 (22 AWG): Black/Yellow and Red/Blue
	Pair 3 (22 AWG): Black/Yellow and Red/Orange	
	6: Green/Yellow integral stripe and Yellow spiral ink stripe	
Group 5:	Pair 1 (20 AWG): Black/Green and Red/Black	Pair 4 (22 AWG): Black/Green and Red/Green
	Pair 2 (20 AWG): Black/Green and Red/White	Pair 5 (22 AWG): Black/Green and Red/Blue
	Pair 3 (22 AWG): Black/Green and Red/Orange	
	6: Green/Yellow integral stripe and Green spiral ink stripe	
Group 6:	Pair 1 (20 AWG): Black/Blue and Red/Black	Pair 4 (22 AWG): Black/Blue and Red/Green
	Pair 2 (20 AWG): Black/Blue and Red/White	Pair 5 (22 AWG): Black/Blue and Red/Blue
	Pair 3 (22 AWG): Black/Blue and Red/Orange	
	6: Green/Yellow integral stripe and Blue spiral ink stripe	

Component B: One Group With Five 18 AWG Insulated Conductors

- | | | |
|---------------------|-----------------------|---------------------|
| 1. Red/White/Yellow | 3. Black/White/Orange | 5. Black/White/Blue |
| 2. Black/White/Red | 4. Black/White/Green | |

Component C: One 20 AWG Twisted Pair Red and Black

Component D: One 14 AWG Insulated Conductor Green/Yellow

(Cable Diagram on page -3-)

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Cable Diagram

