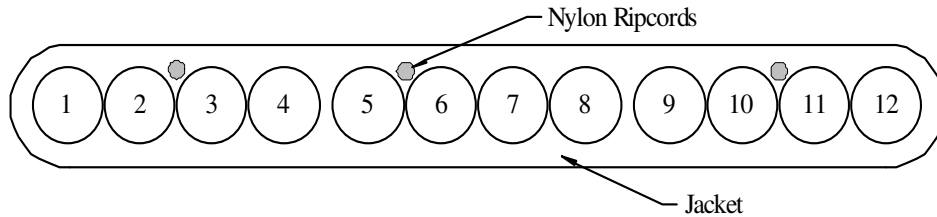


**Description:** Twelve 14 AWG Conductors,  
Flat With Overall PVC Jacket

**Date:** 6/12/2009

**JM Part Number:** JMC451412M-XXX  
XXX = color (YEL, BLK)

**Cable Diagram**



**Components**

Conductors: 14 AWG, 105/34 bare copper  
 Insulation: .031" nominal wall of PVC (see color code) .153"

**Overall Cable**

Twelve 14 AWG insulated conductors pulled in parallel at jacketing  
with Three Nylon Ripcords placed as shown in Cable Diagram

Jacket: .040" nominal wall of Yellow PVC\* .240" x 1.950"

\* Jacket colors: Yellow or Black (Consult factory for other colors)

**Print**

**E465734 PVC JMC451412M-XXX 105C 600V VW-1 (UL) FESTOON CABLE OUTDOOR  
 12/C 14 AWG --- LL41103 CSA FESTOON CABLE 105C 600V FT1 (-40C)**  
 Lot Number + Sequential Footage Marking every 2 ft

XXX = color (YEL, BLK)

**Color Code**

1. Black	Printed " 1 - ONE "	7. Red/Black	Printed " 7 - SEVEN "
2. Red	Printed " 2 - TWO "	8. Blue/Black	Printed " 8 - EIGHT "
3. Blue	Printed " 3 - THREE "	9. Orange/Black	Printed " 9 - NINE "
4. Orange	Printed " 4 - FOUR "	10. Yellow/Black	Printed " 10 - TEN "
5. Yellow	Printed " 5 - FIVE "	11. Brown/Black	Printed " 11 - ELEVEN "
6. Brown	Printed " 6 - SIX "	12. Black/Red	Printed " 12 - TWELVE "

**Requirements**

Temperature: -40C to 105C (Static)  
-10C to 70C (Dynamic)  
Voltage: 600V

Approvals: UL Type Festoon, VW-1  
CSA Type Festoon, FT1  
RoHS Compliant  
UV Resistant

Flexing (Use Temperature: -10C  
Cold Bend Temperature: -40C  
Minimum Bend Radius: 1.2"

Capacitance: 24 pF/ft nominal (between conds)  
Inductance: 0.38 μH/ft nominal (between conds)  
Cond DC Resistance: 2.54 ohms/1000ft nominal @ 20C

\*Ampacity: 22 Amps

\*Per 2014 NEC sec 610.14(A) and 2015 CEC sec 40-002 for 30C ambient and 90C conductor temperature

Revised By:	rjb	7/2/2015	Rev. 3	Update e-file#, Lot no + seq marks, flex & cb temps
Revised By:	rac	8/11/2015	Rev. 4	Add Ampacity Per Ecn 252
Revised By:	scs	11/16/2016	Rev. 5	Added Static to existing temp range, Added Dynamic temp range
Revised By:	rac	2/2/2017	Rev. 6	Added Electrical Requirements