

Part Number: C2470A

Revision Level: 5

Date: 7/13/2007

**#24 WG 7/32 Tinned Copper**
**COMMUNICATION CABLE**
**A. CONSTRUCTION**
**DIAMETERS**

|               |                                                                                                                                                                             |                   |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Conductor:    | #24 AWG 7/32 Tinned Copper                                                                                                                                                  | 0.024" nom.       |
| Insulation:   | 0.010" Wall Semi-Rigid Polyvinyl Chloride                                                                                                                                   | 0.044" nom.       |
| Cable:        | 9 conductors @ 2.50" LHL with mylar wrap                                                                                                                                    | 0.163" nom.       |
| Jacket:       | 0.032" Wall Polyvinyl Chloride                                                                                                                                              | 0.227" +/- 0.011" |
| Print Legend: | <b>CAROL (R) 24 AWG -- C2470A -- 75C E111240-8 CM (UL) C(UL) OR AWM STYLE 2464/2576 --- CSA LL69381 CMG -- MADE IN USA (DATE CODE &amp; SEQUENTIAL FOOTAGE 1000' TO 0')</b> |                   |

**B. INDUSTRY APPROVALS**

|                          |                     |
|--------------------------|---------------------|
| National Electrical Code | Article 800         |
| UL Standard 444          | Type CM             |
| UL Standard 758          | AWM Style 2464/2576 |
| CSA International        | Type CMG            |

**C. ELECTRICAL PROPERTIES**

|                                   |                       |
|-----------------------------------|-----------------------|
| TEMPERATURE:                      | 75 C                  |
| SUGGESTED WORKING VOLTAGE (Vrms): | 300Vrms               |
| CONDUCTOR D.C. RESISTANCE:        | 25.7 Ohms/1000 ft nom |
| MUTUAL CAPACITANCE:               | 23 pF/ft @ 1kHz nom   |

**D. COLOR CODE** (Listed as Individual Conductors or Pairs of Conductors)

|   |           |
|---|-----------|
| 1 | Black     |
| 2 | White     |
| 3 | Red       |
| 4 | Lt. Green |
| 5 | Lt. Brown |
| 6 | Lt. Blue  |
| 7 | Orange    |
| 8 | Yellow    |
| 9 | Purple    |