

Part Number: C2436A

Revision Level: 7

Date: 7/24/2007

25C 16 19/0.0117 TC PVC PVC

COMMUNICATION CABLE

A. CONSTRUCTION

| | | |
|---------------|--|-------------------|
| Conductor: | #16 AWG 19/0.0117 Tinned Copper | 0.056" nom. |
| Insulation: | 0.021" Wall Polyvinyl Chloride | 0.098" nom. |
| Cable: | 25 conductors @ 6.50 LHL with mylar wrap. | 0.593" nom. |
| Jacket: | 0.032" Wall Polyvinyl Chloride | 0.657" +/- 0.033" |
| Print Legend: | <i>CAROL (R) 16 AWG -- C2436A -- 75C E111240-8 CM (UL) C (UL) OR AWM STYLE 2464 --- CSA LL69381 CMG -- MADE IN USA (DATE CODE)</i> | |

DIAMETERS

B. INDUSTRY APPROVALS

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

C. ELECTRICAL PROPERTIES

| | |
|--|-----------------------|
| TEMPERATURE: | 75C |
| SUGGESTED WORKING VOLTAGE (V _{rms}): | 300V _{rms} |
| CONDUCTOR D.C. RESISTANCE: | 4.4 Ohms/1000 ft nom |
| MUTUAL CAPACITANCE: | 30.5 pF/ft @ 1kHz nom |

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

| | | | | | |
|----|-----------|----|---------|----|-------------|
| 1 | Black | 11 | Blu/Blk | 21 | Org/Grn |
| 2 | White | 12 | Blk/Wht | 22 | Blk/Wht/Red |
| 3 | Red | 13 | Red/Wht | 23 | Wht/Blk/Red |
| 4 | Lt. Green | 14 | Grn/Wht | 24 | Red/Blk/Wht |
| 5 | Orange | 15 | Blu/Wht | 25 | Grn/Blk/Wht |
| 6 | Lt. Blue | 16 | Blk/Red | | |
| 7 | Wht/Blk | 17 | Wht/Red | | |
| 8 | Red/Blk | 18 | Org/Red | | |
| 9 | Grn/Blk | 19 | Blu/Red | | |
| 10 | Org/Blk | 20 | Red/Grn | | |