

Part Number: C4197A

Revision: 10/4/2013

**2C 18 AWG PVC, OAS, PVC****COMMUNICATION AND CONTROL CABLE****A. CONSTRUCTION**

|                     |                                                                                                                                                                                                          |               |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| Conductor:          | #18 AWG (16/30) Tinned Copper                                                                                                                                                                            | .045" Nom     |
| Insulation:         | .012" Wall, Polyvinyl Chloride (PVC)                                                                                                                                                                     | .069" Nom     |
| Cable Assembly:     | 2C with 2.00" LHL                                                                                                                                                                                        |               |
| Overall Shield:     | Aluminum/Polyester Tape (Foil Out)                                                                                                                                                                       | .143" Nom     |
| Drain Wire:         | #22 AWG (7/30) Tinned Copper                                                                                                                                                                             |               |
| Ripcord:            | None                                                                                                                                                                                                     |               |
| Jacket:             | .032" Wall, Polyvinyl Chloride (PVC)                                                                                                                                                                     | .207" ± .010" |
| Sequential Footage: | Yes                                                                                                                                                                                                      |               |
| Print Legend:       | <b><i>CAROL (R) 18 AWG -- C4197A -- CSA C/US LL69381 CMG 105C OR CSA AWM I/II A/B 105C 600V FT4 -- E18621-8 "RU" AWM STYLE 2464 80C 300V -- ROHS -- MADE IN USA (date code) (sequential footage)</i></b> |               |

**DIAMETERS****B. INDUSTRY APPROVALS**

|                   |                                    |
|-------------------|------------------------------------|
| UL Standard 758   | AWM Style 2464                     |
| CSA International | Type CMG,<br>Type AWM I/II A/B FT4 |

**C. ELECTRICAL PROPERTIES**

|                            |                            |
|----------------------------|----------------------------|
| Temperature:               | -20°C to +105°C            |
| Suggested Working Voltage: | 600 Vrms (Max)             |
| Conductor DCR:             | 6.92 Ohms/M' @ 20°C (Max)  |
| Shield Resistance:         | 16.9 Ohms/M' @ 20°C (Nom)  |
| Capacitance (Cond-Cond):   | 56.7 pF/ft. @ 1 kHz (Nom)  |
| Capacitance (Cond-Shield): | 102.0 pF/ft. @ 1 kHz (Nom) |
| Characteristic Impedance:  | 38 Ohms @ 1 MHz (Nom)      |

**D. COLOR CODE**

| COND | COLOR |
|------|-------|
| 1    | BLACK |
| 2    | RED   |

**E. CUSTOMER APPROVAL**

Signature: \_\_\_\_\_  
Date: \_\_\_\_\_