

Part Number: C0561A

Revision: 10/17/2012

3P 18AWG (16/30)TC PVC, OAS, PVC

MULTI-PAIR COMMUNICATION CABLE

A. CONSTRUCTION

| | | |
|-------------|---|-----------|
| Conductor: | #18 AWG (16/30) Tinned Copper | .046" nom |
| Insulation: | .016" Wall, Polyvinyl Chloride (PVC) | .078" nom |
| Pair: | 2 conductors @ 2.00" LHL | .156" nom |
| Cable Core: | 3 pairs cabled together at 4.50" LHL with an Alum/Polyester tape shield (foil out) + 22AWG (7/30) TC drain wire | .301" nom |
| Jacket: | .051" Wall, Polyvinyl Chloride (PVC) | .403" nom |

DIAMETERS

Print Legend: **CAROL (R) 18 AWG - - C0561A - - 105C TYPE PLTC E60233-8 (UL) OR AWM STYLE 2464 -- CSA LL69381 60C CMG -- MADE IN USA (DATE CODE) (SEQUENTIAL FOOTAGE)**

B. INDUSTRY APPROVALS

| | |
|--------------------------|----------------|
| National Electrical Code | Article 725 |
| UL Standard 13 | Type PLTC |
| UL Standard 758 | AWM Style 2464 |
| CSA International | Type CMG |

C. ELECTRICAL PROPERTIES

| | |
|----------------------------|-----------------------|
| Temperature: | 105C (PLTC) |
| Suggested Working Voltage: | 300V |
| Conductor DCR: | 6.1 Ohms/M' @ 20°C |
| Shield Resistance: | 16.9 Ohms/M' @ 20°C |
| Mutual Capacitance: | 34.3 pF/ft @ 1kHz nom |
| Ground Capacitance: | 61.7 pF/ft @ 1kHz nom |
| Characteristic Impedance: | 63 Ohms @ 1MHz nom |

D. COLOR CODE

| PAIR | COLOR | PRINTED NO. |
|------|-------------|-------------|
| 1 | BLACK - RED | 1-ONE |
| 2 | BLACK - RED | 2-TWO |
| 3 | BLACK - RED | 3-THREE |