



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

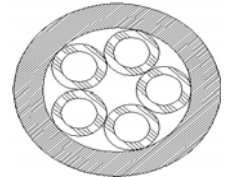
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**PART NUMBER:** 55505  
**DESCRIPTION:** 18/5 SOLID CMP/CL2P FT6 THERMOSTAT CABLE  
**CONSTRUCTION:** This cable consists of five bare copper insulated conductors with an overall jacket.  
**APPROVALS:** UL Standard 13 and 444, NEC Articles 725 and 800.  
**APPLICATION:** Class 2 Power Limited Circuit Cable And Communications Used In Plenum Thermostat Control Applications

## Construction Parameters:

## Cable Cross-Section

Conductor 18 AWG Bare Copper  
Stranding Solid  
Insulation Material PVC  
Insulation Thickness 0.006" Nom.  
Insulated Conductor Diameter 0.052" Nom.  
Number of Conductors 5  
Lay Length Parallel  
Jacket Material PVC  
Jacket Thickness 0.016" Nom.  
Overall Cable Diameter 0.173" Nom.  
Approximate Cable Weight 36.0 Lbs/1M' Nom.  
Flame Rating CSA FT6/NFPA 262 Steiner Tunnel Smoke and Flame Test



## Electrical & Environmental Properties:

Temperature Rating -20°C to 75°C  
Operating Voltage 300V RMS Max.  
Capacitance Between Conductors @ 1 KHz 48 pF/ft Nom.  
Capacitance Between Conductors to Shield @ 1 KHz -----  
DC Resistance per Conductor @ 20°C 6.32 Ohms/1M' Nom.

Insulation Colors Black Red White Green Brown  
Jacket Color Beige (Other colors available for minimum order)

Legend (Surface Ink Print) BARON WIRE 55505 18 AWG 5/C C(ETL)US (ETL CODE) TYPE  
CMP/CL2P 75C BAROPLEN -- TYPE CMP FT6

This product complies with European Directive 2002/95/EC (RoHS)

On special orders, the customer will accept all factory lengths and +/- 10 percent of total order requested.

Cable has a rip cord for easy jacket removal

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Customer Name \_\_\_\_\_

Customer Approval \_\_\_\_\_

Specification Issue Date: January 26, 2007