



# PRODUCT DATA SHEET

Controlled Document - Engineering Drive

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**PART NUMBER:** 55508  
**DESCRIPTION:** 18/8 SOLID CL2P PLENUM THERMOSTAT CABLE  
**CONSTRUCTION:** This cable consists of eight bare copper insulated conductors and an overall jacket.  
**APPROVALS:** UL Standard 13, NEC Article 725.  
**APPLICATION:** Class 2 Power Limited Circuit Cable used in Plenum Thermostat Applications

## Construction Parameters:

## Cable Cross-Section

Conductor	18 AWG Bare Copper	
Stranding	Solid	
Insulation Material	Low Smoke PVC	
Insulation Thickness	0.006" Nom.	
Insulated Conductor Diameter	0.052" Nom.	
Number of Conductors	8	
Lay Length	6.00" Nom	
Jacket Material	Low Smoke PVC	
Jacket Thickness	0.017" Nom.	
Overall Cable Diameter	0.207" Nom.	
Approximate Cable Weight	56.0 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	300 V 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 Blue Orange Yellow  
Jacket Color                              Beige (Other colors available for minimum order)

Legend (Surface Ink Print)                      BARON WIRE 55508 18 AWG 8/C C(ETL)US (ETL CODE) TYPE  
CMP/CL2P 75C BAROPLEN -- TYPE CMP FT6 -- XX/XX/XX  
(MONTH/DAY/YEAR) HH:MM (HOUR/MINUTE)

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

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

Cable has a rip cord for easy jacket removal

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