



PRODUCT DATA SHEET

Controlled Document - Engineering Drive

1530 Shields Drive
Waukegan, IL 60085
Toll-Free (800) 323-9355
Fax: (847) 689-1192

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	Parallel	
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 BAROPLN -- 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

The information presented here is, to the best of our knowledge, true and accurate. Since conditions of use are beyond Coleman Cable's control all product data presented is for informational purposes only and does not create a binding obligation or liability on Coleman Cable or confer any rights on any customer. The sale of products(s) is conditioned upon acceptance of a purchase order subject to Coleman Cable's standard terms and conditions contained therein, including without limitation Coleman Cable's standard warranty. Coleman Cable disclaims all liability in connection with the use of information contained herein or otherwise.

This specification is proprietary intellectual property of Coleman Cable. Any information contained herein shall not be disclosed to any party without written consent of Coleman Cable.

Specification Issue Date: January 6, 2014