

# Technical Data Sheet

## Fire Alarm Cables

# WEST PENN WIRE



2833 West Chestnut Street  
Washington, PA 15301  
Toll Free: (800) 245-4964  
Fax: (724) 222-6420  
www.westpenn-wpw.com

---

<b>PART NUMBER:</b>	<b>60995B</b>
<b>DESCRIPTION:</b>	12/2 Solid bare copper conductors, unshielded with an overall jacket.
<b>NEC RATING:</b>	FPLP, NEC Article 760
<b>APPROVALS:</b>	(UL) or (ETL)us Listed
<b>APPLICATION:</b>	Indoor within ducts, plenums, and other spaces used for environmental air for (Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits)

---

### Construction Parameters:

Conductor	12 AWG Bare Copper
Stranding	Solid
Insulation Material	Polymer Alloy
Insulation Thickness	0.012" Nom.
Number of Conductors	2
Shield	None
Drain	None
Jacket Material	Flexible Plenum
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.225" Nom.
Approximate Cable Weight	53 Lbs/1M' Nom.
Flame Rating	NFPA- 262 Flame Test

---

### Electrical & Environmental Properties:

Temperature Rating	-10deg C to 60deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	44 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	1.8 Ohms/1M' Nom.
Insulation Colors	Black, Red
Jacket Color	Red
RoHS Compliant	Yes

---

### Mechanical Properties:

Max. Recommended Pull Tension	158 lbs.
Min. Bend Radius (Install)	2.25"

---

Specification Issue Date: 7/06

This document is the property of West Penn Wire. The information contained herein is considered Proprietary and not to be reproduced by any means Without written consent of West Penn Wire

**Cold Environment Precautions:** Due to the nature of PVC Compounds to become non-pliable when stored or handled in ambient temperatures of 32 deg. F or less, we recommend the following:

**“Prior to installation, condition the cable for at least 24 hours at room temperature to provide the best flex properties for ease of installation.”**

Standard Lengths are 1000ft.  
The Jacket is sequentially footmarked.  
The information presented here is, to the best of our knowledge, is true and accurate. However, since conditions of use are beyond our control, all recommendations or suggestions are presented without guarantee or responsibility on our part. We disclaim all liability in connection with the use of information contained herein or otherwise.