

# Technical Data Sheet

## Plenum Communication 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>25225B</b>
<b>DESCRIPTION:</b>	16/2 Stranded bare copper conductors, unshielded with an overall jacket.
<b>NEC RATING:</b>	CMP, NEC Article 800
<b>APPROVALS:</b>	(UL) C(UL) Listed or c(ETL)us Listed
<b>APPLICATION:</b>	Indoor within ducts, plenums and other spaces used for environmental air for: (Intercom, Security, Sound, Audio, Background music)

---

### Construction Parameters:

Conductor	16 AWG Bare Copper
Stranding	19x29
Insulation Material	Flex Plenum PVC
Insulation Thickness	0.008" Nom.
Number of Conductors	2
Shield	None
Drain	None
Jacket Material	Flex Plenum PVC
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.176" Nom.
Approximate Cable Weight	25 Lbs/1M' Nom.
Flame Rating	NFPA 262 Flame Test

---

### Electrical & Environmental Properties:

Temperature Rating	-10°C To +60°C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	33 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	4.2 Ohms/1M' Nom.
Insulation Colors	Black, Red
Jacket Color	Gray, Black, Green
RoHS Compliant	Yes

---

### Mechanical Properties:

Max. Recommended Pull Tension	54 lbs
Min. Bend Radius (Install)	1.8"



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

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.