

Technical Data Sheet

Plenum Communication Cables



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

PART NUMBER:	25359B
DESCRIPTION:	2 Pair 20AWG Stranded bare copper conductors,unshielded/ shielded with an overall jacket.
NEC RATING:	CMP, NEC Article 800
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor within ducts, plenums, and other spaces used for environmental air for (Pro Audio, Intercom Systems, Security Systems, Sound, Background Music)

Construction Parameters:

Conductor	20 AWG Bare Copper
Stranding	7x28
Insulation Material	Polymer Alloy
Insulation Thickness	0.010" Nom.
Number of Conductors (2 Shielded)(2 Unshielded)	4
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	Flexible Plenum
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.186" 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	60 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	108 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	10.5 Ohms/1M' Nom.
Insulation Colors	Black, Red, White, Green
Jacket Color	Gray
RoHS Compliant	No

Mechanical Properties:

Max. Recommended Pull Tension	63 lbs
Min. Bend Radius (Install)	2"

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.