

Technical Data Sheet

Plenum Communication Cables



WEST PENN WIRE

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PART NUMBER:	25352B
DESCRIPTION:	22/3 Stranded bare copper conductors, 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	22 AWG Bare Copper
Stranding	7x30
Insulation Material	Polymer Alloy
Insulation Thickness	0.010" Nom.
Number of Conductors	3
Shield	(2 Shielded)(1 Unshielded)
Drain	100% Aluminum Polyester Foil
Jacket Material	Stranded Tinned Copper
Jacket Thickness	Flexible Plenum
Overall Cable Diameter	0.015" Nom.
Approximate Cable Weight	0.165" Nom.
Flame Rating	16 Lbs/1M' Nom. 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	55 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	99 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	17 Ohms/1M' Nom.
Insulation Colors	Black, Red, White
Jacket Color	Gray
RoHS Compliant	No

Mechanical Properties:

Max. Recommended Pull Tension	42 lbs
Min. Bend Radius (Install)	1.8"

Specification Issue Date: 7/06

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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.
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