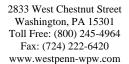
Technical Data Sheet Plenum Communication Cables







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)

Shield 100% Aluminum Polyester Foil
Drain Stranded Tinned Copper

Jacket MaterialFlexible PlenumJacket Thickness0.015" Nom.Overall Cable Diameter0.186" Nom.Approximate Cable Weight25 Lbs/1M' Nom.Flame RatingNFPA 262 Flame Test

Electrical & Environmental Properties:

Temperature Rating $-10^{\circ}\text{C To } +60^{\circ}\text{C}$ Operating Voltage 300 V RMS Max.Capacitance Between Conductors @ 1 KHz 60 pf/ft Nom.

DC Resistance per Conductor @ 20deg C 10.5 Ohms/1M' Nom.
Insulation Colors Black, Red, White, Green
Jacket Color Gray

Jacket ColorGrayRoHS CompliantNo

Mechanical Properties:

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

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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