

Technical Data Sheet

Plenum Communication Cables

WEST PENN WIRE



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PART NUMBER:	25272B
DESCRIPTION:	22/10 Stranded bare copper conductors, unshielded 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 (Intercom Systems, Security Systems, Sound, Audio, Background Music)

Construction Parameters:

Conductor	22 AWG Bare Copper
Stranding	7x30
Insulation Material	Flex Plenum PVC
Insulation Thickness	0.007" Nom.
Number of Conductors	10
Shield	None
Drain	None
Jacket Material	Flex Plenum PVC
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.213" Nom.
Approximate Cable Weight	39 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	27 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	17 Ohms/1M' Nom.
Insulation Colors	Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple, Gray
Jacket Color	Gray
RoHS Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	90 lbs
Min. Bend Radius (Install)	2.3"

Specification Issue Date: 7/06

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Standard Lengths are 1000ft.
The Jacket is sequentially footmarked.
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