

Technical Data Sheet Communication Cables



WEST PENN WIRE

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PART NUMBER:	431
DESCRIPTION:	22 AWG.- 3 PAIR Stranded bare copper conductors, individually shielded with an overall jacket.
NEC RATING:	CMR, NEC Article 800
APPROVALS:	(UL) C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor for: Intercom, Security, Sound, Audio, Background Music, and Power Limited Control Circuits.

Construction Parameters:

Conductor	22 AWG Bare Copper
Stranding	7x30
Insulation Material	PVC
Insulation Thickness	0.010" Nom.
Number of Conductors	6 (3 Pair)
Shield	Each Pair 100% Aluminum Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.224" Nom.
Approximate Cable Weight	35 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test

Electrical & Environmental Properties:

Temperature Rating	-20°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-Red, Black/White-White, Black/Green-Green
Jacket Color	Gray
RoHS Compliant	--

Mechanical Properties:

Max. Recommended Pull Tension	74 Lbs.
Min. Bend Radius (Install)	2.2"

Specification Issue Date: 7/06 Rev.1 5/07

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