

Technical Data Sheet Communication Cables

WEST PENN WIRE



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PART NUMBER:	424
DESCRIPTION:	22 AWG.- 12 PAIR Solid 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	Solid
Insulation Material	PVC
Insulation Thickness	0.008" Nom.
Number of Conductors	24 (12 Pair)
Shield	Each Pair 100% Aluminum Foil
Drain	Solid Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.017" Nom.
Overall Cable Diameter	0.379" Nom.
Approximate Cable Weight	116 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	54 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	97 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	17.5 Ohms/1M' Nom.
Insulation Colors	Black/Red-Red, Black/White-White, Black/Green-Green, Black/Blue-Blue, Black/Yellow-Yellow, Black/Brown-Brown, Black/Orange-Orange, Red/White-White, Red/Green-Green, Red/Blue-Blue, Red/Yellow-Yellow, Red/Brown-Brown,
Jacket Color	Gray
RoHS Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	235 Lbs.
Min. Bend Radius (Install)	3.7"

Specification Issue Date: 7/06

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