

Technical Data Sheet

Communication Cables

WEST PENN WIRE



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PART NUMBER:	296
DESCRIPTION:	12/2 Stranded bare copper conductors, shielded with and overall jacket.
NEC RATING:	CL2R, NEC Article 725
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	12 AWG Bare Copper
Stranding	19x25
Insulation Material	PVC
Insulation Thickness	0.010" Nom.
Number of Conductors	2
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.017" Nom.
Overall Cable Diameter	0.265" Nom.
Approximate Cable Weight	62.5 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test

Electrical & Environmental Properties:

Temperature Rating	-20°C To +60°C
Operating Voltage	150 V RMS
Max.Capacitance Between Conductors @ 1 KHz	88 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	158 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	1.7 Ohms/1M' Nom.
Insulation Colors	Black, White
Jacket Color	Gray
RoHS Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	182.4 lbs.
Min. Bend Radius (Install)	2.7"

Specification Issue Date: 7/06

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