

# Technical Data Sheet

## Broadcast Audio Cables

# WEST PENN WIRE



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<b>PART NUMBER:</b>	<b>77293</b>
<b>DESCRIPTION:</b>	18/2 Stranded tinned copper conductors, shielded with an overall jacket.
<b>NEC RATING:</b>	CM, NEC Article 800
<b>APPROVALS:</b>	(UL) Listed
<b>APPLICATION:</b>	Indoor for: Pro Audio, Sound Systems, Recording Studio, Production Facilities.

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### Construction Parameters:

Conductor	18 AWG Tinned Copper
Stranding	16x30
Insulation Material	Polyethylene
Insulation Thickness	0.018" Nom.
Number of Conductors	2 (1 Pair)
Pair Lay Length & Direction	2.500" Lay- 4.8 twist/ft
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.028" Nom.
Overall Cable Diameter	0.222" Nom.
Approximate Cable Weight	27 Lbs/1M' Nom.
Flame Rating	UL 1685

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### Electrical & Environmental Properties:

Temperature Rating	-20deg C to 60deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	24 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	44 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	6.2 Ohms/1M' Nom.
Nom. Impedance (Ohm)	57
Nom. Inductance (uH/ft)	.18
Insulation Colors	Black, Clear
Jacket Color	Chrome Gray
RoHS Compliant	Yes

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### Mechanical Properties:

Max. Recommended Pull Tension	62 lbs.
Min. Bend Radius (Install)	2.250"

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### Put ups:

Advantage Box	500ft.
Advantage Box	1000ft

Specification Issue Date: 7/06 – Revision 2: 6/10

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