

# Technical Data Sheet Media Control Cables

# WEST PENN WIRE



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<b>PART NUMBER:</b>	<b>77350</b>
<b>DESCRIPTION:</b>	22/2 Shielded, 18/2 Unshielded Stranded bare copper conductors with an overall jacket.
<b>NEC RATING:</b>	CMR, NEC Article 800
<b>APPROVALS:</b>	(UL)- C(UL) or c(ETL)us
<b>APPLICATION:</b>	Indoor data cable for: Home Control Systems, Intercom Systems, Security Systems, Sound, Audio.

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## Construction Parameters:

Conductor	22, 18 AWG Bare Copper
Stranding	7x30, 7x26
Insulation Material	Foam Polyethylene Data Pair PVC Control Pair
Insulation Thickness	0.025" Data Pair, 0.010" Control Pair Nom.
Number of Conductors	4 (2 Shielded)(2 Unshielded)
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.030" Nom.
Overall Cable Diameter	0.255" Nom.
Approximate Cable Weight	23 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test

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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	12.5 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	22.5 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	17 Ohms/1M' Nom. Data Pair 6.2 Ohms/1M'Nom. Control Pair
Impedance –Nominal 22AWG Pair	100 Ohms. Nominal
Insulation Colors	1. Blue/White (Data Pair), 2. Red/Black (Control Pair)
Jacket Color	Yellow
RoHS Compliant	--

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## Mechanical Properties:

Max. Recommended Pull Tension	80 lbs.
Min. Bend Radius (Install)	2.5"

Specification Issue Date: 5/11

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