

Technical Data Sheet

AES/EBU Digital Plenum Audio Cables

WEST PENN WIRE

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PART NUMBER:	DA252402
DESCRIPTION:	2 Pair 24 Awg. Stranded tinned copper conductors, individually shielded with an overall jacket.
NEC RATING:	CMP, NEC Article 800
APPROVALS:	(UL) Listed
APPLICATION:	Indoor Plenum for: Pro Audio, Sound Systems, Recording Studio, Post Production facilities.

Construction Parameters:

Conductor	24 AWG Tinned Copper
Stranding	7x32
Insulation Material	Low-Loss Foam
Insulation Thickness	0.020" Nom.
Number of Conductors	4 (2 Pair)
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVDF
Jacket Thickness	0.010" Nom.
Overall Cable Diameter	.238" Nom.
Approximate Cable Weight	25 Lbs/1M' Nom.
Flame Rating	NFPA 262 Flame Test

Electrical & Environmental Properties:

Temperature Rating	-10deg 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	26 Ohms/1M' Nom.
Velocity of Propagation	78% Nom.
Impedance	110Ω
Insulation Colors	1. Black/Red, 2 Black/White
Jacket Color	Gray
RoHS Compliant	--

Mechanical Properties:

Max. Recommended Pull Tension	45 lbs.
Min. Bend Radius (Install)	2.3"

Specification Issue Date: 7/06

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