Technical Data Sheet
Data Grade Cables

WEST PENN WIRE

PART NUMBER:	**D25510**
DESCRIPTION:	2 Pair 22Awg. Stranded tinned copper conductors, individually shielded with overall shield and an overall jacket.
NEC RATING:	CMP, NEC Article 800
APPROVALS:	(UL)- C(UL) Listed or c(ETL)us Listed
APPLICATION:	Indoor data cable for: Control, Signaling, Electronic, Microprocessor Based.

Construction Parameters:

Conductor	22 AWG Tinned Copper
Stranding	7x30
Insulation Material	Teflon
Insulation Thickness	0.010" Nom.
Number of Conductors	4 (2 Pair)
Shields	100% Aluminum Polyester Foil
Drains	Stranded Tinned Copper
Jacket Material	Flex Plenum
Jacket Thickness	0.017" Nom.
Overall Cable Diameter	0.214" Nom.
Approximate Cable Weight	26 Lbs/1M' Nom.
Flame Rating	NFPA 262 Flame Test

Electrical & Environmental Properties:

Temperature Rating	-20deg C to 60deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	25 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	45 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	17 Ohms/1M' Nom.
Velocity of Propagation	69% Nom.
Impedance	55Ω Nom
Insulation Colors	1. Black/Red, 2. White/Green
Jacket Color	Gray Tint
RoHS Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	55 lbs.
Min. Bend Radius (Install)	2.2”

Specification Issue Date: 9/14

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