

Technical Data Sheet Data Grade Cables

WEST PENN WIRE



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PART NUMBER:	D25292
DESCRIPTION:	20/2 Stranded tinned copper conductors, overall shielded with 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	20 AWG Tinned Copper
Stranding	7x28
Insulation Material	Teflon
Insulation Thickness	0.010" Nom.
Number of Conductors	2 (1 Pair)
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	Copolymer
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.135" Nom.
Approximate Cable Weight	17 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	27 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	49 pf/ft Nom.
Velocity of Propagation	69% Nom.
Impedance	50Ω Nom.
DC Resistance per Conductor @ 20deg C	10.5 Ohms/1M' Nom.
Insulation Colors	Black, Red
Jacket Color	Gray tint
RoHS Compliant	--

Mechanical Properties:

Max. Recommended Pull Tension	39 lbs.
Min. Bend Radius (Install)	1.3"

Specification Issue Date: 7/06

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Cold Environment Precautions: Due to the nature of
PVC Compounds to become non-pliable when stored
or handled in ambient temperatures of 32 deg. F or
less, we recommend the following:

**“Prior to installation, condition the cable for at
least 24 hours at room temperature to provide the
best flex properties for ease of installation.”**

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