

Technical Data Sheet

Data Grade Cables



WEST PENN WIRE

2833 West Chestnut Street
Washington, PA 15301
Toll Free: (800) 245-4964
Fax: (724) 222-6420
www.westpenn-wpw.com

PART NUMBER:	D25439
DESCRIPTION:	4 Pair 22 Awg. Stranded tinned copper conductors, individually 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	22 AWG Tinned Copper
Stranding	7x30
Insulation Material	Teflon
Insulation Thickness	0.010" Nom.
Number of Conductors	8 (4 Pair)
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	Copolymer
Jacket Thickness	0.015" Nom.
Overall Cable Diameter	0.236" Nom.
Approximate Cable Weight	44 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	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. Black/White, 3. Black/Green, 4. Black/Blue
Jacket Color	Gray Tint
RoHS Compliant	--

Mechanical Properties:

Max. Recommended Pull Tension	92 lbs.
Min. Bend Radius (Install)	2.3"
Specification Issue Date:	7/06

This document is the property of West Penn Wire.
The information contained herein is considered
Proprietary and not to be reproduced by any means
Without written consent of West Penn Wire

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.
The information presented here is, to the best of our
knowledge, is true and accurate. However, since
conditions of use are beyond our control, all
recommendations or suggestions are presented
without guarantee or responsibility on our part. We
disclaim all liability in connection with the use of
information contained herein or otherwise.