

Technical Data Sheet

Communication 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: | 432 |
| DESCRIPTION: | 22 AWG.- 6 PAIR Stranded bare copper conductors, individually shielded with an overall jacket. |
| NEC RATING: | CMR, NEC Article 800 |
| APPROVALS: | (UL) C(UL) Listed or c(ETL)us Listed |
| APPLICATION: | Indoor for: Intercom, Security, Sound, Audio, Background Music, and Power Limited Control Circuits. |

Construction Parameters:

| | |
|--------------------------|------------------------------|
| Conductor | 22 AWG Bare Copper |
| Stranding | 7x30 |
| Insulation Material | PVC |
| Insulation Thickness | 0.010" Nom. |
| Number of Conductors | 12 (6 Pair) |
| Shield | Each Pair 100% Aluminum Foil |
| Drain | Stranded Tinned Copper |
| Jacket Material | PVC |
| Jacket Thickness | 0.015" Nom. |
| Overall Cable Diameter | 0.308" Nom. |
| Approximate Cable Weight | 67 Lbs/1M' Nom. |
| Flame Rating | UL 1666 Riser Flame Test |

Electrical & Environmental Properties:

| | |
|--|--|
| Temperature Rating | -20°C To +60°C |
| Operating Voltage | 300 V RMS |
| Max.Capacitance Between Conductors @ 1 KHz | 55 pf/ft Nom. |
| Capacitance Between Conductors to Shield @ 1 KHz | 99 pf/ft Nom. |
| DC Resistance per Conductor @ 20deg C | 17 Ohms/1M' Nom. |
| Insulation Colors | Black/Red-Red, Black/White-White, Black/Green-Green, Black/Blue-Blue, Black/Yellow-Yellow,Black/Brown-Brown |
| Jacket Color | Gray |
| RoHS Compliant | -- |

Mechanical Properties:

| | |
|-------------------------------|----------|
| Max. Recommended Pull Tension | 126 Lbs. |
| Min. Bend Radius (Install) | 3.0" |

Specification Issue Date: 7/06 Rev.1 5/07

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

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.