

Technical Data Sheet

Fire Alarm 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:	975
DESCRIPTION:	18/2 Solid bare copper conductors, shielded with an overall jacket.
NEC RATING:	FPLR, NEC Article 760
APPROVALS:	(UL) Listed
APPLICATION:	Indoor for (Fire Alarm, Audio Circuits, Control Circuits, Initiating Circuits, Notification Circuits)

Construction Parameters:

Conductor	18 AWG Bare Copper
Stranding	Solid
Insulation Material	Polypropylene
Insulation Thickness	0.007" Nom.
Number of Conductors	2
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Jacket Material	PVC
Jacket Thickness	0.017" Nom.
Overall Cable Diameter	0.150" Nom.
Rip Cord	Yes
Approximate Cable Weight	22 Lbs/1M' Nom.
Flame Rating	UL 1666 Riser Flame Test
NEC Article	760
Other Specifications	California State Fire Marshall

Electrical & Environmental Properties:

Temperature Rating	-20deg C to 60deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	40 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	72 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	6.4 Ohms/1M' Nom.
Insulation Colors	Black, Red
Jacket Color	Red, Blue, White, Yellow
RoHS Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	53.2 lbs.
Min. Bend Radius (Install)	1.5"

WEST PENN WIRE

Put Ups:

Advantage Box - 1000ft
Advantage Box - 500ft

Colors Available:

975 -RD - RED 975-BK- BLACK
975-YE - YELLOW 975-B- BLUE

975-WH- WHITE
975-GN- GREEN

Tracer Stripping is available



Specification Issue Date: 8/13

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.